FEDERAL ITEM IDENTIFICATION GUIDE

MISCELLANEOUS ELECTRICAL AND ELECTRONIC COMPONENTS

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Commander

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BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

Contents

GENERAL INFORMATION

1. Purpose and Scope

This Federal Item Identification Guide (FIIG) is a self-contained document for the collection, coding, transmittal, and retrieval of item characteristics and related supply management data for an item of supply for logistical use. This FIIG is to be used to describe items of supply identified by the index of approved item names appearing in this section.

2. Contents

This FIIG is comprised of the following:

Index of Approved Item Names Covered by this FIIG
Applicability Key Index
Section I - Item Characteristics Data Requirements
Section III - New text that should be here.
Appendix A - Reply Tables
Appendix B - Reference Drawing Groups (as applicable)
Appendix C - Technical Data Tables (as applicable)

a. Index of Approved Item Names Covered by this FIIG:

The index lists the approved item names with definitions and item name codes as they appear in Cataloging Handbook H6, applicable to this FIIG. In addition, each name entry is assigned an applicability key for use in relating the characteristics requirements in Section I to the specific item name.

b. Applicability Key Index:

The purpose of this index is to provide the user with a ready reference for determining the specific requirements which are applicable to a given approved item name. This index lists all requirements in sequence as they appear in the FIIG. The applicability of a Master Requirement Coded requirement is indicated by the column headed by the specific item name applicability key as follows:

(1) The letter "X" indicates the requirement must be answered for a full descriptive item.

(2) The letters "AR" indicate the requirement is to be answered as required by (1) instructional notes within the FIIG; (2) when the reply is predicated on replies to a related main requirement; or (3) when an asterisk (*) is used in conjunction with the applicability key column in Section I.

(3) A blank in the column indicates the requirement is not applicable to the specific item name.

c. Section I - Item Characteristics Data Requirements:

This section contains the physical and performance characteristics requirements needed to describe and identify an item of supply. These characteristics differentiate one item from all other items of supply and are to be used to meet the needs of all supported functions. This section is arranged in columns. Identification of each column and instructions pertinent thereto are as follows:

(1) Applicability Key:

The first column shows the applicability key(s) for each requirement. It indicates whether the requirement need be satisfied for the item being identified. "ALL" indicates that the requirement must be answered for all items covered by the FIIG. One or more alphabetic character(s) or group of one or more alphabetic characters indicates a response is required when describing items with an approved item name or names represented by the key(s). An asterisk (*) used in conjunction with any applicability key indicates that the characteristic stated in the requirement may not be applicable to all items covered by the FIIG.

(2) Master Requirement Codes (MRC):

A four-position code which is assigned to a FIIG requirement for identification of the requirement, cross-referencing requirements in the various sections and appendices of the FIIG, and for mechanized processing and retrieval of FIIG generated data. Absence of a MRC for a requirement indicates a lead-in to requirements with individual MRCs in Appendix B.

(a) The coding technique for providing MULTIPLE/OPTIONAL responses will not be used for a Section I requirement assigned Mode Code A or L that leads to Appendix B sketches with dimensional requirements.

(b) Identified Secondary Address Coding:

This technique is for extending the Master Requirement Code so that a unique address is provided for each application of the requirement in relation to the item and is authorized only as instructed within the requirement. Responses coded through this technique will always consist of the following: (1) Master Requirement Codes, (2) indicator code (a single numeric character determined by the number of positions contained), (3) identified secondary address code (1 to 3-digit alphabetic codes determined by the number of predicted replies), (4) the mode code, (5) the reply code and/or clear text response, and (6) end with a record separator (*). Steps (1) through (6) are repeated for each application of the requirement.

(c) AND/OR coding:

A technique for extending the Master Requirement Code to provide a distinctive address for multiple responses to the same requirement. Responses coded through this technique will always consist of (1) Master Requirement Code, (2) mode code, (3) the response or reply code (as instructed by the requirement), (4) a single dollar sign ($) for an OR condition, or a double dollar sign ($$) for an AND condition, (5) the mode code, (6) the response or reply code

(followed by conditions (4) through (6) for each of the multiple responses) and (7) end with a record separator (*). NOTE: Apply this technique only when instructed by the requirement sample reply (e.g.).

(3) Mode Code:

A one-position alphabetic code that specifies the manner in which a response will be prepared. Each requirement assigned a MRC is also assigned a mode code. Sample replies follow each FIIG requirement displaying the proper construction of a response for the assigned mode code. The response to a requirement will always be prepared in accordance with the assigned mode code and sample reply except in the following instances:

(a) Use of E Mode Code replies is not authorized. If a reply needed to describe an item is not listed in the applicable table, contact the FIIG Initiator.

(b) Mode Code K may not be used for any requirement unless instructed by the requirement instructions.

(4) Requirement:

This portion includes the characteristics data elements and data use identifiers required to identify and differentiate one item of supply from another, narrative definitions, and explanations as to use and method of expression. Instructions for coding and preparing replies are also provided.

(5) Reply Code:

A code that represents an established authorized reply to a requirement.

d. Section III - Supplementary Technical and Supply Management Data:

This section includes those characteristics requirements necessary to support specific logistics functions other than National Stock Number assignment.

e. Appendix A - Reply Tables:

Tables of authorized replies to requirements and reply codes when the tables are too lengthy for inclusion in Section I/III, when applicable.

f. Appendix B - Reference Drawings:

This appendix contains representative illustrations which portray specific variations of one or more generic characteristics. If reference drawings contain requirements pages to be used in conjunction with illustrations for dimensioning purposes, the requirements pages will contain Master Requirement Codes, mode codes, and a statement of the requirement. A response to requirements on a requirements page is necessary only for those Master Requirement Codes applicable to the illustration selected.

g. Appendix C - Technical Data Tables:

This appendix contains conversion charts and similar data pertinent to the requirements in Section I/III, when applicable.

3. Enter administrative MRC CLQL immediately following the last FIIG requirement reply, as instructed below:

MRC	Mode Code	Requirement	Example
CLQL	G	COLLOQUIAL NAME (common usage name by which an item is known)	CLQLGWOVEN WIRE CLOTH*

4. Special Instructions and Indicator Definitions

a. Measurements:

Unless otherwise indicated within a requirement example, enter all measurements in decimal form, carried to the nearest three decimal places, with a minimum of one digit preceding the decimal. For SI (metric), enter all measurements with a minimum of one digit before and after the decimal. For fraction to decimal conversion, see Appendix C.

b. Indicators:

A cross hatch (#) following an AIN, MRC, Reply Code or Drawing Number indicates for "ALL EXCEPT USA" use only.

5. Indexes

a. Index of Data Requirements

This index is arranged in alphabetic sequence by Master Requirement Code, cross-referenced to the applicable data requirement and page number(s).

b. Index of Approved Item Names

This index is arranged in alphabetic sequence referenced to Applicability Key.

c. Applicability Key Index

This index is arranged in Applicability Key Sequence.

6. Maintenance

Requests for revisions and other changes will be directed to:

[Page Break]

MRC Index

INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

Approved Item Name	INC	App Key
ARM, ELECTRICAL CONTACT BRUSH	26004	KA

An item designed to transmit pressure to a BRUSH, ELECTRICAL CONTACT for the purpose of maintaining contact between the brush and another conducting surface for the transfer of electrical energy. The item may include one or more pressure springs or tension springs.

ARMATURE, CIRCUIT BREAKER	00839	KB

An item which is the pivoted or spring-mounted ferromagnetic portion of a circuit breaker, and which moves to bread and/or make an electrical circuit in response to electromagnetic changes.

ARMATURE, MICROPHONE #	00840	KB

An item of ferromagnetic material that is pivot mounted and which is vibrated by a diaphragm.

ARMATURE, TELEPHONE RINGER	00842	KB

An item which is the pivoted or spring-mounted ferromagnetic portion of a telephone ringer, and which moves or vibrates in response to electromagnetic changes.

ARMATURE, TELEPHONE SWITCH	00843	KB

An item which is the pivoted or spring-mounted ferromagnetic portion of a telephone switch and which is actuated by the telephone switch magnet. Excludes SWITCH SUBASSEMBLY.

ARMATURE, VIBRATOR	00844	KB

An item which is the pivoted or spring-mounted ferromagnetic portion of a vibrator and which moves to break and/or make an electrical circuit in response to electromagnetic changes.

BEZEL, INSTRUMENT MOUNTING	19067	HA

An item usually in the form of a flanged rim, designed to fit over the front of a dial instrument to secure it in place in an instrument panel, or the like.

BINNACLE	03548	AA

A housing for a magnetic compass and related equipment.

BINNACLE STAND	03549	CA

A pedistal used for mounting a magnetic compass binnacle.

Approved Item Name	INC	App Key

Cap

1. (Mechanical) A protecting and/or closing part, basically circular designed with an internal means of securing itself and must partially inclose some protruding external portion of the item to which it is attached. Excludes Cover (1).

CAP (1), ELECTRICAL	16186	GA

A cap for use with electronic or electrical items. Excludes BOOT, DUST AND MOISTURE SEAL; CAP, IGNITION DISTRIBUTION; and COVER, ELECTRICAL CONNECTOR.

CAP, FUSEHOLDER	40368	GA

An item designed to mechanically and electrically accommodate and position a FUSE (1), CARTRIDGE installed in a FUSEHOLDER (1), EXTRACTOR POST. Excludes FUSEHOLDER SUBASSEMBLY.

CONTACT STRIP, RADIO FREQUENCY GROUNDING	*22600*	*BA*

A semi rigid metallic item of electrically conductive material designed for the specific purpose of grounding and/or bonding radio frequency equipment. It is normally attached to one item to give spring action to form a ground and/or bond with another item. Excludes TERMINAL STRIP, GROUNDING; CONTACT, ELECTRICAL; and STRIP, ELECTRICAL GROUNDING.

ELECTROMAGNET	02813	AD

A winding with a soft, laminated or pressed powdered iron core, which generates an extremely strong field of magnetic force when current is passed through the winding. The field dissipates almost completely when the current is interrupted. For electric magnets used for lift, see MAGNET, LIFTING, ELECTRICAL.

HANGER, MIRCROPHONE	00845	KB

An item primarily designed to suspend and support a microphone when not in use.

Housing

1. (Instrument) An item inclosing the working elements of a meter, gage, indicator, and the like. It provides protection from dust, moisture, and/or mechanical injury, and may also include provisions for electrical, pressure, and/or vacuum supply to the inclosed item. The inclosed item is not normally operable when removed from the housing. The housing does not provide conforming dimensions, but does follow a geometric relationship to the overall configuration of the item it incloses. See also CASE (2) (as modified) and COVER (1) (as modified).

HOUSING, CHEMICAL AGENT AUTOMATIC ALARM	61913	AA

A housing specifically designed to inclose and support automatic chemical agent alarm subassemblies.

Approved Item Name	INC	App Key
HOUSING, CORE, BATHYTHERMOGRAPH BLISTER	02451	AA

A cylindrical item which forms the outer portion of a bathythermograph blister and which is fabricated in such a manner as to inclose the thermal element core of bathythermograph equipment. For items complete with screen caps, insulation sleeve, mounting plate and thermal core. See BLISTER, BATHYTHERMOGRAPH.

HOUSING (1), GAGE	22405	AA
HOUSING (1), INDICATOR	22406	AA
HOUSING (1), INNER ROLL ASSEMBLY	41181	AA

A housing designed to inclose the inner section of a target pod.

HOUSING, INTERVAL TIMER	22624	AA

The outer component of an interval timer designed to inclose, support and/or protect the timer mechanism.

HOUSING (1), MONITOR, CHEMICAL AGENT	50886	AA

A housing designed to inclose and be an integral part of the components of a MONITOR, CHEMICAL AGENT.

HOUSING (1), TIMER	41247	AA

The outer component of a timer designed to inclose, support and/or protect the timer mechanism.

INSERT, ELECTRICAL CONTACT BRUSH HOLDER	26005	KA

An item designed to fit into a HOLDER, ELECTRICAL CONTACT BRUSH to form an integral liner or seat for positioning or holding one or more BRUSH, ELECTRICAL CONTACT.

MAGNET, PERMANENT	*00352*	*AE*

An object of various materials, that retains a magnetic field for an indefinite period of time after the magnetizing force has been removed. Excludes ELECTROMAGNET; magnetized hand tools; and compass needles.

MAT, ELECTROSTATIC DISCHARGING	39638	KA

An item designed to be placed under equipment, components, or personnel to form a floor, desk, table, work bench, or the like covering, to dissipate static electricity changes. It will have a means to be connected to the equipment or person from which the static electricity charge is dissipated. For floor coverings used for other than electrostatic discharging, see MAT, FLOOR. See also DISCHARGER, ELECTROSTATIC.

Approved Item Name	INC	App Key
PEDESTAL, ANTENNA	08085	DA

An item specifically designed to support and rotate an antenna(s). It may also support related components such as transmitters, receivers, or modulators. It may include accessory items such as drive motors, synchros, contractors, or collector rings. See also TOWER.

PLATE, WALL, ELECTRICAL	07716	JA

An item designed to mount directly on a bracket or an electrical current carrying wiring device(s) such as switch(es) or outlet(s) (receptacle). The bracket(s) or electrical current carrying device is mounted in a JUCTION BOX. For trade designated items designed to be attached directly on or through a bracket or electrical wiring device to a CONDUIT OUTLET, see COVER, CONDUIT OUTLET. For items designed for mounting directly on a JUNCTION BOX, see COVER, JUNCTION BOX.

PLATFORM, ANTENNA PEDESTRAL	10196	BD

An item consisting of a flat surface and its mounting supports, designed to be placed at some level other than the base of the antenna pedestal, for the purpose of supporting equipment and/or maintenance personnel.

RESONATOR, MAGNETOSTRICTION	02033	EA

A frequency control device, the operation of which is based on the magnetic and mechanical resonant properties of a ferromagnetic material, which has applications in oscillators and filters as a substitute for quartz crystals.

RING, ELECTRICAL CONTACT BRUSH HOLDER	26006	KA

An item made of metallic or insulating material to form a rigid loop whose axial length does not exceed 25 percent of its outside dimensions. It performs the function of retaining and positioning one or more HOLDER, ELECTRICAL CONTACT BRUSH. The item does not include the brush holder(s).

ROTOR, ELECTRICAL SWITCH	00850	KB

An item designed as the rotating part of an electrical switch.

SHUTTER, LOUDSPEAKER	00851	KB

A device consisting of a hinged or otherwise movable cover. It is specifically designed to open or close the mouth of a loudspeaker.

Stand

1. An item designed to mount and/or support a part or an assembly in a desired position. Excludes Fixture (1); VISE (as modified); and items primarily designed to mount and/or support for the purpose of damping shock and/or vibration.

STAND (1), ANTENNA	17685	CA

Excludes INSULATOR, STANDOFF.

Approved Item Name	INC	App Key
STAND (1), LIGHT	17686	CA

A stand designed to accommodate various types of illuminating devices such as SPOTLIGHT; FLOODLIGHT; LIGHT, DESK and the like. It may be adjustable and may be provided with casters and fixed or adjustable arm(s) or boom(s).

STOP, ARMATURE	00853	KB

An item designed to check the movement or action of an armature.

STOP, ELECTRICAL SWITCH	00854	KB

An item designed to restrict the movement of an electrical switch actuator. Excludes DETENT, SWITCH and LATCH, SWITCH.

STOP, RAIL GUIDE, ELECTRIC COMPONENT	68173	KA

A metallic or nonmetallic item of various shapes designed to be attached at the end of a RAIL GUIDE to prevent movement of electric component. It may include facilities for a pin, set screw, or the like to allow for adjustment.

STRAP, WRIST, ELECTROSTATIC DISCHARGE	39995	KC

An item designed to be worn around the wrist to dissipate static electricity from a person's body and prevent damage to the components or equipment being handled. It has provisions for connection to the equipment, grounding mat, work bench, or the like. It may or may not include the LEAD, ELECTRICAL.

STRIP, ELECTRICAL GROUNDING	*37280*	*KA*

A rigid or semi rigid item of electrically conductive material designed to provide a connection between the piece(s) of equipment and ground. Its primary purpose is to dissipate static charges. Excludes TERMINAL STRIP, GROUNDING: CONTACT STRIP, RADIO FREQUENCY GOUNDING; and PLATE, ELECTRICAL GROUNDING.

TERMINAL STRIP, GROUNDING	15244	BB

A rigid metallic item of electrically conductive material. It is designed with terminal(s) and/or wire-accommodating holes on one end and facilities for connection to another conductive surface on the other end. For items without terminals or wire-accommodating facilities, see PLATE, ELECTRICAL GROUNDING; CONTACT STRIP, RADIO FREQUENCY GROUNDING; and STRIP, ELECTRICAL GROUNDING.

Approved Item Name	INC	App Key
WIRE MESH, KNITTED	20282	FA

A resilient knitted mesh consisting of a multiplicity of interlacing wire loops. It is manufactured in various cross-sectional shapes and may include fins. It includes items designed for mechanical and/or electronic use. Item may contain a resilient core or be impregnated with a resilient compound, such as rubber or plastic to provide for weather sealing. For items made by weaving and/or welding wires to form meshes, see WIRE FABRIC. For items shaped from this material, see SHIELDING GASKET, ELECTRONIC. Excludes BRAID, WIRE; WIRE CORD; and WEATHER STRIP.

APPLICABILITY KEY INDEX

	AA	AD	AE
NAME	X	X	X
SHPE			X
MATL	X		X
SURF	AR		AR
BDGK		X	X
BDFR			X
BDGJ			AR
ELEC		X	
AEWK		X	
AJXJ		X	
BDFS		AR	
BDFT		AR	
BDFW	X		
BDFX	AR		
BDFY	AR		
ALGC	AR	AR	AR
ABHP	AR	AR	AR
ABMK	AR	AR	AR
ABKW	AR	AR	AR
ADAV	AR	AR	AR
ADUM	AR	AR	AR
ABFY	AR	AR	AR
ACVR	AR	AR	AR
MARK			AR
FEAT	AR	AR	AR
TEST	AR	AR	AR
SPCL	AR	AR	AR
ZZZK	AR	AR	AR
ZZZT	AR	AR	AR
ZZZW	AR	AR	AR
ZZZX	AR	AR	AR
ZZZY	AR	AR	AR
CRTL	AR	AR	AR
PRPY	AR	AR	AR
ELRN	AR	AR	AR
NHCF	AR	AR	AR
ELCD	AR	AR	AR
AFJK	AR	AR	AR
AGAV	AR	AR	AR
ALCD	AR	AR	AR
PRMT	AR	AR	AR
PMWT	AR	AR	AR
PMLC	AR	AR	AR
SUPP	AR	AR	AR
ZZZP	AR	AR	AR
ZZZV	AR	AR	AR

	BA	BB	BC	BD
NAME	X	X	X	X
APQB	X	X		
BDQP		X		
BDQQ		X		
BDQR	X			
MATL	X	X	X	X
SURF	AR	AR	AR	AR
ABHP	AR	AR	AR	AR
ABMK	AR	AR	AR	AR
ABFY	AR	AR	AR	AR
ABKW	AR	AR	AR	AR
ADAV	AR	AR	AR	AR
ADUM	AR	AR	AR	AR
APEA				X
AXGY	AR	AR		
ALGC	AR	AR		
BDQS #			X	
BDQT #			X	
BDQW #			X	
ALPC				X
FEAT	AR	AR	AR	AR
TEST	AR	AR	AR	AR
SPCL	AR	AR	AR	AR
ZZZK	AR	AR	AR	AR
ZZZT	AR	AR	AR	AR
ZZZW	AR	AR	AR	AR
ZZZX	AR	AR	AR	AR
ZZZY	AR	AR	AR	AR
CRTL	AR	AR	AR	AR
PRPY	AR	AR	AR	AR
ELRN	AR	AR	AR	AR
NHCF	AR	AR	AR	AR
ELCD	AR	AR	AR	AR
AFJK	AR	AR	AR	AR
AGAV	AR	AR	AR	AR
ALCD	AR	AR	AR	AR
PRMT	AR	AR	AR	AR
PMWT	AR	AR	AR	AR
PMLC	AR	AR	AR	AR
SUPP	AR	AR	AR	AR
ZZZP	AR	AR	AR	AR
ZZZV	AR	AR	AR	AR

	CA
NAME	X
APQB	X
AESH	AR
ABEP	AR
BDQZ	AR
BDRC	AR
BCBL	X
ABKW	X
AYFN	X
BDRF	AR
ABRY	AR
ABGL	AR
HGTH	AR
AEJZ	AR
ABMZ	AR
ABNM	AR
AXMA	X
AKYD	AR
FEAT	AR
TEST	AR
SPCL	AR
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ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
NHCF	AR
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AFJK	AR
AGAV	AR
ALCD	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
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	DA
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BDRP	X
BDRQ	X
BDRR	X
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AMSE	AR
ACZB	AR
FAAZ	AR
ABHP	AR
ABMK	AR
ABKW	AR
ABFY	AR
ADAV	AR
ADNM	X
ABBH	X
AAXX	X
AKYD	AR
FEAT	AR
TEST	AR
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ZZZX	AR
ZZZY	AR
CRTL	AR
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NHCF	AR
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ALCD	AR
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PMWT	AR
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SUPP	AR
ZZZP	AR
ZZZV	AR

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AMPZ	AR
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AARB	X
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BDGK	AR
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SURF	AR
ABHP	AR
ABMK	AR
ABFY	AR
ABKW	AR
AXGY	X
FEAT	AR
TEST	AR
SPCL	AR
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ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
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NHCF	AR
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AGAV	AR
ALCD	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
ZZZP	AR
ZZZV	AR

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AGCW	X
ANLR	X
ADWH	AR
ADVM	AR
ADVL	AR
BFDK	AR
NMBR	AR
WDTH	AR
THKS	AR
ABHP	AR
BFDL	AR
ADTW	AR
BFDN	X
AJXJ	AR
ACZR	AR
FEAT	AR
TEST	AR
SPCL	AR
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ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
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NHCF	AR
ELCD	AR
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PMWT	AR
PMLC	AR
SUPP	AR
ZZZP	AR
ZZZV	AR

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SURF	AR
BFDR	X
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ABRY	AR
ABGL	AR
ASDB	AR
HGTH	AR
ABMZ	AR
BFBH	AR
BFBJ	X
MATL	AR
AGFA	AR
AXGY	X
THSD #	AR
ABUJ	AR
AECS	AR
AAUB	AR
AYQE	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
NHCF	AR
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AFJK	AR
AGAV	AR
ALCD	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
ZZZP	AR
ZZZV	AR

	HA
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MATL	X
SURF	AR
BBYZ	X
ADTS	X
BFBK	X
BFBL	X
BFBM	X
BFBN	AR
BFBP	AR
BFBQ	AR
AXGY	X
ABTJ	AR
AZFN	AR
AZSY	AR
ABHP	AR
ABMK	AR
ADUM	AR
ADAV	AR
FEAT	AR
TEST	AR
SPCL	AR
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ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
NHCF	AR
ELCD	AR
AFJK	AR
AGAV	AR
ALCD	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
ZZZP	AR
ZZZV	AR

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NAME	X
APQB	X
MATL	X
ABPX	AR
SURF	AR
HUES	X
BFBR	X
AXPY	AR
BFBS	AR
ABGL	AR
ABMZ	AR
BFBW	AR
BFBX	AR
HGTH	AR
BFBT	X
AQHT	X
BFBY	AR
BFBZ	AR
LGTH	AR
WDTH	AR
DMTR	AR
AXGY #	X
ABTJ	X
AZFN #	X
AZSY #	X
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
NHCF	AR
ELCD	AR
AFJK	AR
AGAV	AR
ALCD	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
ZZZP	AR
ZZZV	AR

	KA	KB	KC
NAME	X	X	X
MATL	X		X
SURF	AR		AR
SHPE	X		
ABFY	AR	AR	AR
ADAV	AR	AR	AR
ABKW	AR	AR	AR
ABHP	AR	AR	AR
ADUM	AR	AR	AR
ABMK	AR	AR	AR
CXQZ			X
AREG			AR
ATYC			AR
AKRZ			AR
ASRD			AR
BQMM			AR
CBBL			AR
ALGC	AR	AR	AR
AKYD		AR	
FEAT	AR	AR	AR
TEST	AR	AR	AR
SPCL	AR	AR	AR
ZZZK	AR	AR	AR
ZZZT	AR	AR	AR
ZZZW	AR	AR	AR
ZZZX	AR	AR	AR
ZZZY	AR	AR	AR
CRTL	AR	AR	AR
PRPY	AR	AR	AR
ELRN	AR	AR	AR
NHCF	AR	AR	AR
ELCD	AR	AR	AR
AFJK	AR	AR	AR
AGAV	AR	AR	AR
ALCD	AR	AR	AR
PRMT	AR	AR	AR
PMWT	AR	AR	AR
PMLC	AR	AR	AR
SUPP	AR	AR	AR
ZZZP	AR	AR	AR
ZZZV	AR	AR	AR

[Page Break]

Body

SECTION: A

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME
	Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.		
	Reply Instructions: Enter the applicable Item Name Code. (e.g., NAMED22405)*		
AE			
	SHPE	D	SHAPE
	Definition: THE PHYSICAL CONFIGURATION OF THE ITEM.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., SHPEDCR*; SHPEDCR$DRD*)		
AA, AE			
	MATL	D	MATERIAL
	Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., MATLDAL0000*; MATLDPB0000$$DCU0000*; MATLDFE0000$DST0000*)		
AA*, AE*			
	SURF	D	SURFACE TREATMENT
	Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS A SURFACE.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 3. (e.g., SURFDSJB000*; SURFDAN0000$$DLDQ000*; SURFDCD0000$DGB0000*)		

APP Key	MRC	Mode Code	Requirements

AD, AE

BDGK J FLUX DENSITY

Definition: A MEASUREMENT OF THE ELECTROMAGNETIC LINES OF FORCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BDGKJDXA2800.000; BDGKJDXB2500.000$$JDXC550.000*)

Table 1

REPLY CODE	REPLY (AG67)
DX	GAUSS
DY	KILOGAUSS
EA	KILOMAXWELLS
DZ	MAXWELLS
EB	OERSTEDS
LA #	WEBERS PER SQUARE METER

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

AE

BDFR G FACE SIZE

Definition: DESIGNATES THE SIZE OF THE RELATIVE OR PROPORTIONATE DIMENSION OF THE FACE.

Reply Instructions: Enter the reply in clear text. (e.g., BDFRG5.000 INCHES SQUARE*)

AE*

BDGJ J AIR GAP WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF THE AIR GAP, IN DISTINCTION FROM THICKNESS.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the nominal numeric value. (e.g., BDGJJA0.500*; BDGJJL25.4*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

AD

ELEC B VOLTAGE IN VOLTS

Definition: THE TOTAL ELECTRICAL VOLTAGE.

Reply Instructions: Enter the numeric value. (e.g., ELECB110.0*)

AD

AEWK J MAXIMUM CURRENT RATING

Definition: THE MAXIMUM CONTINUOUS CURRENT WHICH MUST NOT BE EXCEEDED IN ORDER TO AVOID DAMAGE TO THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AEWKJA20.000*)

REPLY CODE	REPLY (AC30)
A	AMPERES
L	MILLIAMPERES

AD

AJXJ D CORE MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE CORE IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., AJXJDFEE000*; AJXJDFEM000$DFEZ000*)

AD*

APP Key	MRC	Mode Code	Requirements
	BDFS	A	COIL TURN QUANTITY

Definition: THE NUMBER OF COIL TURNS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., BDFSA100*)

AD*

BDFT	J	COIL DC RESISTANCE

Definition: THE OPPOSITION THAT THE COIL OFFERS TO THE FLOW OF DIRECT CURRENT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BDFTJQA200.0*; BDFTJQB200.0$$JQC205.0*)

Table 1

REPLY CODE	REPLY (AA57)
K	KILOHMS
Q	OHMS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

AA

BDFW	D	DIAL WINDOW

Definition: AN INDICATION OF WHETHER OR NOT A DIAL WINDOW IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDFWDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

APP Key	MRC	Mode Code	Requirements

NOTE FOR MRC BDFX: REPLY TO THIS MRC IF REPLY CODE B IS ENTERED FOR MRC BDFW.

AA* (See Note Above)

BDFX D DIAL FRAME

Definition: AN INDICATION OF WHETHER OR NOT A DIAL FRAME IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDFXDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

AA*

BDFY D SUPPLY PROVISION TYPE

Definition: INDICATES THE TYPE OF SUPPLY PROVISION INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDFYDCS*; BDFYDDE$DGR*)

REPLY CODE	REPLY (AC58)
CS	ELECTRICAL
GR	PRESSURE
DE	VACUUM

ALL*

ALGC G MOUNTING CONFIGURATION

Definition: THE NARRATIVE EXPRESSION USED FOR INDICATING THE CONFIGURATION OF THE MOUNTING FACILITIES.

Reply Instructions: Enter the reply in clear text. (e.g. ALGCGFOUR0.125 INCH DIA MTG HOLES ON 2 IN. BY 2 IN. MTG CENTERS*)

ALL*

APP Key	MRC	Mode Code	Requirements
	ABHP	J	OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA8.000*; ABHPJLA25.4*; ABHPJAB3.500$$JAC4.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

	ABMK	J	OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE MEASURED LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g.,ABMKJAA2.500*; ABMKJLA25.4*; ABMKJAB2.400$$JAC2.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

APP Key	MRC	Mode Code	Requirements
	ABKW	J	OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA2.500*; ABKWJLA25.4*; ABKWJAB2.400$$JAC2.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

	ADAV	J	OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA2.400*; ADAVJLA25.4*; ADAVJAB2.400$$JAC2.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

APP Key	MRC	Mode Code	Requirements
	ADUM	J	OVERALL THICKNESS

Definition: AN OVERALL MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADUMJAA2.500*; ADUMJLA25.4*; ADUMJAB2.400$$JAC2.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

	ABFY	J	OVERALL DEPTH

Definition: AN OVERALL MEASUREMENT BETWEEN SPECIFIED POINTS OF AN ITEM, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABFYJAA2.400*; ABFYJLA25.4*; ABFYJAB2.400$$JAC2.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

APP Key	MRC	Mode Code	Requirements
	ACVR	J	SHANK WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF THE SHANK, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACVRJAA1.000*; ACVRJLA25.4*; ACVRJAB1.000$$JAC1.100*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

AE*

	MARK	G	SPECIAL MARKINGS

Definition: MARKINGS INCLUDED ON AN ITEM FOR THE PURPOSE OF OFFERING INSTRUCTIONS OR WARNINGS OR TO INDICATE THE PURPOSE, FUNCTION, OR APPLICATION OF THE ITEM. EXCLUDES MANUFACTURERS PART NUMBERS, SYMBOLS OR THE LIKE.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., MARKGMARKED RED ON NORTH SEEKING END;SOUTH SEEKING POLE MARKED WITH A YELLOW PAINT SPOT*)

SECTION: B

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code. (e.g., NAMED22600)*

BA, BB

APQB	D	UNIT TYPE

Definition: INDICATES THE TYPE OF UNIT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APQBDALT*; APQBDALT$DALW*)

REPLY CODE	REPLY (AK95)
ALT	ANGLE
ALW	CHANNEL
ALX	PLATE
ALY	RING

BB

BDQP	A	WIRE ACCOMMODATION QUANTITY

Definition: THE NUMBER OF WIRE ACCOMMODATIONS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., BDQPA4*)

BB

BDQQ	G	WIRE ACCOMMODATION SIZE

Definition: DESIGNATES THE SIZE OF THE RELATIVE OR PROPORTIONATE DIMENSIONS OF THE WIRE ACCOMMODATION(S).

Reply Instructions: Enter the reply in clear text. (e.g., BDQQG0.082 IN. DIA OF HOLES*; BDQQG3 HOLES 0.144 IN. DIA MARKED A, 4 HOLES 0.169 IN. DIA MARKED B*)

BA

APP Key	MRC	Mode Code	Requirements
	BDQR	A	CONTACT FINGER QUANTITY

Definition: THE NUMBER OF CONTACT FINGERS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., BDQRA10*)

ALL

MATL	D	MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., MATLDAL0000*; MATLDAL0000$$DCU0000*; MATLDBR0000$DCU0000*)

ALL*

SURF	D	SURFACE TREATMENT

Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS A SURFACE.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 3. (e.g., SURFDCDR000*; SURFDCUN000$$DCR0000*; SURFDCNM000DCUN000*)

ALL*

ABHP	J	OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA8.000*; ABHPJLA25.4*; ABHPJAB7.900$$JAC8.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)

APP Key	MRC	Mode Code	Requirements
		A	NOMINAL
		B	MINIMUM
		C	MAXIMUM

ALL*

ABMK J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from the Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA2.500*; ABMKJLA25.4*; ABMKJAB2.400$$JAC2.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABFY J OVERALL DEPTH

Definition: AN OVERALL MEASUREMENT BETWEEN SPECIFIED POINTS OF AN ITEM, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABFYJAA2.400*; ABFYJLA25.4*; ABFYJAB2.400$$JAC2.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)

APP Key	MRC	Mode Code	Requirements
		A	NOMINAL
		B	MINIMUM
		C	MAXIMUM

ALL*

ABKW J OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA2.500*; ABKWJLA25.4*; ABKJAB2.400$$JAC2.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ADAV J OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from the Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA2.400*; ADAVJLA25.4*; ADAVJAB2.400$$JAC2.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)

APP Key	MRC	Mode Code	Requirements
		A	NOMINAL
		B	MINIMUM
		C	MAXIMUM

ALL*

ADUM	J	OVERALL THICKNESS

Definition: AN OVERALL MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g. ADUMJAA2.500*; ADUMJLA25.4*; ADUMJAB2.400$$JAC2.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

BD

APEA	D	SURFACE CONDITION

Definition: THE CONDITION OF THE ITEM WITH RESPECT TO THE TEXTURE OF THE SURFACE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APEADBCB*; APEADBCB$DBCC*)

REPLY CODE	REPLY (AK39)
BCB	GRATING
BCC	MESH
BCD	SOLID

BA*, BB*

APP Key	MRC	Mode Code	Requirements
	AXGY	D	MOUNTING METHOD
	Definition: THE MEANS OF ATTACHING THE ITEM.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 4. (e.g., AXGYDACP*; AXGYDACP$DANF*; AXGYDABY$$DACP*)		
BA*, BB*			
	ALGC	G	MOUNTING CONFIGURATION
	Definition: THE PATTERN OR ARRANGEMENT THAT DESCRIBES THE MOUNTING CONFIGURATION OF THE ITEM.		
	Reply Instructions: Enter the reply in clear text. (e.g., ALGCGFOUR 0.125IN DIA MTG HOLES ON 2 IN. BY 2 IN. MTG CENTERS*)		
BC			
	BDQS #	A	RELAY QUANTITY ACCOMMODATED
	Definition: THE NUMBER OF RELAYS ACCOMMODATED BY THE ITEM.		
	Reply Instructions: Enter the quantity. (e.g., BDQSA2*)		
BC			
	BDQT #	G	RELAY MOUNTING CONFIGURATION
	Definition: THE NARRATIVE EXPRESSION USED FOR INDICATING THE CONFIGURATION OF THE RELAY MOUNTING.		
	Reply Instructions: Enter the reply in clear text. (e.g., BDQTGTW0 0.170 IN. DIA HOLES SPACED 1.562 IN. C TO C*)		
BC			
	BDQW #	G	PLATE MOUNTING CONFIGURATION
	Definition: THE NARRATIVE EXPRESSION USED FOR INDICATING THE CONFIGURATION OF THE PLATE MOUNTING		
	Reply Instructions: Enter the reply in clear text. (e.g., BDQWGFOUR 0.250 IN. DIA HOLES SPACED 5.900 IN. BY 4.100 IN. C TO C*)		
BD			

APP Key	MRC	Mode Code	Requirements
	ALPC	G	COMPONENT AND QUANTITY

Definition: THE NAME AND NUMBER OF COMPONENT(S) WHICH MAKE UP THE ITEM.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., ALPCGPLATE, IDENTIFICATION SUPPORT 3;SUPPORT ARM, 3*)

SECTION: C

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code. (e.g., NAMED17685)*

ALL			
	APQB	D	UNIT TYPE

Definition: INDICATES THE TYPE OF UNIT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APQBDALZ*)

REPLY CODE	REPLY (AK95)
ALZ	DESK
AMA	FLOOR

ALL*			
	AESH	D	BASE MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE BASE IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., AESHDST0000*; AESHDFEA000$DST0000*)

ALL*			
	ABEP	D	STEM MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE STEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., ABEPDAL0000*; ABEPDAL0000$$DST0000*; ABEPDALF000$DAL0000*)

ALL*

APP Key	MRC	Mode Code	Requirements
	BDQZ	D	BASE SURFACE TREATMENT

Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS THE SURFACE OF THE BASE.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 3. (e.g., BDQZDNFG000*; BDQZDAN0000$$DENH000*; BDQZDENE000$DPNL000*)

ALL*

	BDRC	D	STEM SURFACE TREAMENT

Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS THE STEM SURFACE.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 3. (e.g., BDRCDCHC000*; BDRCDCUN000$$DCHC000*; BDRCDCHC000$DCNK000*)

ALL

	BCBL	D	HEIGHT ADJUSTABILITY

Definition: AN INDICATION OF WHETHER OR NOT THE HEIGHT IS ADJUSTABLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCBLDA*)

REPLY CODE	REPLY (AB00)
A	ADJUSTABLE
C	NONADJUSTABLE

ALL

	ABKW	J	OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJFA4.500*; ABKWLA25.4*; ABKWJAB4.000$$JAC5.000*)

For items indicating feet and inches, see Appendix C, Table 2, for conversion.

Table 1

REPLY CODE	REPLY (AA05)
F	FEET
A	INCHES
M	METERS
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

AYFN D SUPPORT TYPE

Definition: INDICATES THE TYPE OF SUPPORT USED WITH THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AYFNDAP*; AYFNDAP$DAN*)

REPLY CODE	REPLY (AM61)
AN	BASE
AP	LEG

NOTE FOR MRC BDRF: REPLY TO THIS MRC IF REPLY CODE AP IS ENTERED FOR MRC AYFN.

ALL* (See Note Above)

BDRF A LEG QUANTITY

Definition: THE NUMBER OF LEGS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., BDRFA3*)

APP Key	MRC	Mode Code	Requirements

ALL*

ABRY J LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF ANY OBJECT, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABRYJAA5.125*; ABRYJLA25.4*; ABRYJAB5.125$$JAC5.150*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABGL J WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABGLJAA5.594*; ABGLJLA25.4*: ABGLJAB5.594$$JAC5.600*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements

ALL*

HGTH J HEIGHT

Definition: A MEASUREMENT FROM THE BOTTOM TO THE TOP OF AN ITEM, IN DISTINCTION FROM DEPTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., HGTHJAA0.250*; HGTHJLA25.4*; HGTHJAB0.240$$JAC0.250*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

AEJZ J DEPTH

Definition: A LINEAR MEASUREMENT FROM THE SURFACE TO A SPECIFIED INNER POINT ON AN ITEM, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AEJZJAA0.430*; AEJZJLA25.4*; AEJZJAB0.430$$JAC0.450*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements
ALL*			
	ABMZ	J	DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A CIRCULAR FIGURE OR BODY, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMZJAA8.000*; ABMZJLA25.4*; ABMZJAB7.900$$JAC8.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*			
	ABNM	J	THICKNESS

Definition: A MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABNMJAA0.500*; ABNMJLA25.4*; ABNMJAB0.490$$JAC0.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements
ALL			
	AXMA	G	ATTACHMENT TO ITEM SUPPORTED METHOD
			Definition: THE MEANS USED IN ATTACHING THE ITEM TO THE ITEM SUPPORTED.
			Reply Instructions: Enter the reply in clear text. (e.g.,
			AXMAGATTACHES TO LIGHT BY 5/8 IN.-27 BALL STUD*)
			Separate multiple replies with a semicolon. (e.g., AXMAGATTACHES TO LIGHT BY CLAMP;THUMBSCREW*)
ALL*			
	AKYD	G	ACCESSORY COMPONENTS AND QUANTITY
			Definition: THE NAME AND NUMBER OF PARTS SUPPLIED WITH THE ITEM WHICH MAY BE REQUIRED FOR APPLICATION.
			Reply Instructions: Enter the reply in clear text. (e.g., AKYDGCASTERS 3*)

SECTION: D

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code. (e.g., NAMED08085)*

ALL

BDRP D MOTION TRANSMISSION TYPE

Definition: INDICATES THE TYPE OF MOTION TRANSMISSION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDRPDB*)

For multiple replies, use AND coding ($$). (e.g., BDRPDB$$DD*)

REPLY CODE	REPLY (AC60)
B	HORIZONTAL
D	VERTICAL

ALL

BDRQ D MOTION TRANSMISSION PATTERN

Definition: AN INDICATION OF THE PATTERN OF MOTION TRANSMISSION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDRQDP*)

For multiple replies, use AND coding ($$), entering in the same sequence as MRC BDRP. (e.g., BDRQDP$$DC*)

REPLY CODE	REPLY (AD55)
P	CONTINUOUS IN ONE DIRECTION
C	OSCILLATING

ALL

APP Key	MRC	Mode Code	Requirements
	BDRR	D	MOTION TRANSMISSION DRIVE TYPE

Definition: INDICATES THE TYPE OF MOTION TRANSMISSION DRIVE PROVIDED WITH THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDRRDJ*)

For multiple replies, use AND coding ($$). (e.g., BDRRDJ$$DH*)

REPLY CODE	REPLY (AD49)
J	ELECTRICAL
H	MECHANICAL

NOTE FOR MRCS ACDC, AMSE, ACZB, AND FAAZ: FOR MULTIPLE REPLIES, USE AND CODING ($$), ENTERING REPLIES IN THE SAME SEQUENCE AS MRC BDRR.

ALL* (See Note Above)

	ACDC	D	CURRENT TYPE

Definition: INDICATES THE TYPE OF CURRENT WHETHER ALTERNATING, DIRECT, OR BOTH.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ACDCDB*; ACDCDB$$DC*)

REPLY CODE	REPLY (AB62)
B	AC
C	DC

ALL* (See Note Preceding MRC ACDC)

	AMSE	J	VOLTAGE RATING

Definition: THE VALUE(S) OF POTENTIAL FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AMSEJVA115.0*; AMSEJVA115.0$$JVA100.0*; AMSEJKB110.0$$JKC115.0*)

Table 1

REPLY CODE	REPLY (AB63)

APP Key	MRC	Mode Code	Requirements
		K	KILOVOLTS
		V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL* (See Note Preceding MRC ACDC)

ACZB J FREQUENCY RATING

Definition: THE NUMBER OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH AN ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACZBJEA60.0*; ACZBJEA60.0$$JEA60.0*; ACZBJEB50.0$JEC60.0*)

Table 1

REPLY CODE	REPLY (AC32)
E	HERTZ
K	KILOHERTZ

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL* (See Note Preceding MRC ACDC)

FAAZ D PHASE

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., FAAZDC*; FAAZDA$$DC*)

REPLY CODE	REPLY (AD02)
A	SINGLE
C	THREE

APP Key	MRC	Mode Code	Requirements
		B	TWO

ALL*

ABHP J OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA8.000*; ABHPJLA25.4*; ABHPJAB7.790$$JAC8.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABMK J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE MEASURED LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA2.500*; ABMKJLA25.4*; ABMKJAB2.400$$JAC2.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL

APP Key	MRC	Mode Code	Requirements
		B	MINIMUM
		C	MAXIMUM

ALL*

ABKW J OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA2.500*; ABKWJLA25.4*; ABKWJAB2.400$$JAC2.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABFY J OVERALL DEPTH

Definition: AN OVERALL MEASUREMENT BETWEEN SPECIFIED POINTS OF AN ITEM, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABFYJAA2.400*; ABFYJLA25.4*; ABFYJAB2.400$$JAC2.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL

APP Key	MRC	Mode Code	Requirements
		B	MINIMUM
		C	MAXIMUM

ALL*

ADAV J OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA2.400*; ADAVJLA25.4*; ADAVJAB2.400$$JAC2.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

ADNM D FRAME MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE FRAME IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., ADNMDAL0000*; ADNMDAL0000$$DST0000*; ADNMDAL0000$DALC000*)

ALL

ABBH D INCLOSURE MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE INCLOSURE IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

APP Key	MRC	Mode Code	Requirements
			Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., ABBHDPC0000*; ABBHDALC000$$DST0000*; ABBHDBR0000$DPCAAL0*)
ALL			
	AAXX	D	MOUNTING TYPE
			Definition: INDICATES THE TYPE OF MOUNT UTILIZED TO SUPPORT THE ITEM.
			Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 5. (e.g., AAXXDBP*; AAXXDBP$DHK*)
ALL*			
	AKYD	G	ACCESSORY COMPONENTS AND QUANTITY
			Definition: THE NAME AND NUMBER OF PARTS SUPPLIED WITH THE ITEM WHICH MAY BE REQUIRED FOR APPLICATION.
			Reply Instructions: Enter the reply in clear text. (e.g., AKYDGCLAMP ASSY 2*)
			Separate multiple replies with a semicolon. (e.g., AKYDGBRAKE MECHANISM 1;MOTOR DRIVE 1*)

SECTION: E

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code. (e.g., NAMED02033)*

ALL			
	APTT	J	OPERATING FREQUENCY

Definition: THE FREQUENCY AT WHICH THE ITEM FUNCTIONS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., APTTJEA60.0*; APTTJEB60.0$$JEC62.0*)

Table 1

REPLY CODE	REPLY (AC32)
E	HERTZ
K	KILOHERTZ
M	MEGAHERTZ

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*			
	BDSD	J	MAINTAINED ACCURACY

Definition: AN INDICATION OF THE EXTENT AN ITEM MAINTAINS ITS RATED VALUE(S).

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric values, separated by a slash. Precede negative values with an M and positive values with a P. (e.g., BDSDJCGM0.050/P0.050*)

REPLY CODE	REPLY (AG67)
CG	PERCENT
EE	PERCENT PER DEG CELSIUS (centigrade)

APP Key	MRC	Mode Code	Requirements
		EF	PERCENT PER DEG FAHRENHEIT

ALL*

AMPZ J TEMP RANGE

Definition: THE MINIMUM AND MAXIMUM DEGREES OF TEMPERATURE AN ITEM CAN WITHSTAND WITHOUT DETRIMENTAL EFFECT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric values, separated by a slash. Precede negative values with an M and positive values with a P. (e.g., AMPZJKM40.0/P80.0*)

REPLY CODE	REPLY (AB39)
K	DEG CELSIUS
L	DEG FAHRENHEIT

ALL

AFYY J IMPEDANCE RATING

Definition: THE TOTAL OPPOSITION (RESISTIVE AND REACTIVE) TO THE FLOW OF ALTERNATING CURRENT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AFYYJQRA100.0*; AFYYJQRB3.1$$JQRC3.3*)

Table 1

REPLY CODE	REPLY (AE75)
KR	KILOHMS
MR	MEGOHMS
QR	OHMS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements

ALL

AARA A TERMINAL QUANTITY

Definition: THE NUMBER OF TERMINALS FOR PROVIDING ELECTRICAL CONNECTION TO THE ITEM.

Reply Instructions: Enter the quantity, excluding dummy terminals. (e.g., AARAA2*)

ALL

AARB D TERMINAL TYPE

Definition: INDICATES THE TYPE OF TERMINALS FOR PROVIDING ELECTRICAL CONNECTION TO THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AARBDQW*)

For multiple replies, use AND coding ($$). (e.g., AARBDBB$$DFW*)

REPLY CODE	REPLY (AA58)
QW	CONNECTOR PIN
AM	PIN
FW	SOLDER LUG
AQ	SOLDER STUD
BB	WIRE LEAD

ALL

APXH D TERMINAL LOCATION

Definition: THE POSITION OF THE TERMINAL(S) FOR MAKING CONNECTION TO AN ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APXHDABA*)

For different locations, use AND coding ($$). (e.g., APXHDABA$$DAHL*)

REPLY CODE	REPLY (AJ91)
AHH	BOTH ENDS
ABA	BOTTOM
AHL	ONE END
ADD	ONE SIDE

APP Key	MRC	Mode Code	Requirements
		DMX	SIDES

ALL

BDSK J COIL MAXIMUM CURRENT RATING

Definition: THE MAXIMUM CONTINUOUS CURRENT WHICH MUST NOT BE EXCEEDED IN ORDER TO AVOID DAMAGE TO THE COIL.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BDSKJA1.875*)

REPLY CODE	REPLY (AC30)
A	AMPERES
U	MICROAMPERES
L	MILLIAMPERES

ALL*

BDGK J FLUX DENSITY

Definition: A MEASUREMENT OF THE ELECTROMAGNETIC LINES OF FORCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BDGKJDXA300.0*; BDGKJDXB300.0$$JDXC400.0*)

Table 1

REPLY CODE	REPLY (AG67)
DX	GAUSS
DY	KILOGAUSS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

APP Key	MRC	Mode Code	Requirements
	ABBH	D	INCLOSURE MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE INCLOSURE IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., ABBHDST0000*; ABBHDME0000$$DST0000*; ABBHDME0000$DST0000*)

ALL*

	SURF	D	SURFACE TREATMENT

Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS A SURFACE.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 3. (e.g., SURFDPNA000*; SURFDAGE000$$DAUG000*; SURFDPNA000$DPD0000*)

ALL*

	ABHP	J	OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA1.500*; ABHPJLA25.4*; ABHPJAB1.500$$JAC1.550*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

APP Key	MRC	Mode Code	Requirements
	ABMK	J	OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE MEASURED LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA2.500*; ABMKJLA25.4*; ABMKJAB2.400$$JAC2.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

	ABFY	J	OVERALL DEPTH

Definition: AN OVERALL MEASUREMENT BETWEEN SPECIFIED POINTS OF AN ITEM, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABFYJAA2.400*; ABFYJLA25.4*; ABFYJAB2.400$$JAC2.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

APP Key	MRC	Mode Code	Requirements
	ABKW	J	OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA2.500*; ABKWJLA25.4*; ABKWJAB2.500$$JAC2.600*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

	AXGY	D	MOUNTING METHOD

Definition: THE MEANS OF ATTACHING THE ITEM.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 4. (e.g., AXGYDAHF*; AXGYDACX$DAHF*)

SECTION: F

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code. (e.g., NAMED20282)*

ALL			
	AQSJ	D	WIRE MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE WIRE IS FABRICATED, EXCLUDING ANY SURFACE TREAMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., AQSJDAL0000*; AQSJDCU0000$$DALC000*; AQSJDCD0000$DCU0000*)

ALL*			
	BFDJ	D	WIRE SURFACE TREATMENT

Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS THE WIRE SURFACE.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 3. (e.g., BFDJDPNA000*; BFDJDPNA000$$DPC0000*; BFDJDENAAC0$DPNA000*)

ALL			
	AGCW	J	WIRE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF THE WIRE, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AGCWJAA0.00005*; AGCWJLA25.4*; AGCWJAB0.00040$$JAC0.00045*; AGCWJAA0.00040$$JAA0.00050*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

ANLR D CROSS-SECTIONAL SHAPE

Definition: THE GEOMETRIC CONFIGURATION OF THE ITEM WHEN VIEWED IN CROSS SECTION.

Reply Instructions: Enter the applicable Reply Code from the table below, excluding fins. (e.g., ANLRDBC*; ANLRDRD$DSQ*)

REPLY CODE	REPLY (AD07)
PQ	DOUBLE ROUND
BC	IRREGULAR
RT	RECTANGULAR
RD	ROUND
SQ	SQUARE

ALL*

ADWH J CROSS-SECTIONAL WIDTH

Definition: A MEASUREMENT OF THE CROSS SECTION TAKEN AT RIGHT ANGLES TO THE LENGTH, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADWHJAA5.000*; ADWHJLA25.4*; ADWHJAB5.000$$JAC5.100*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL

APP Key	MRC	Mode Code	Requirements
		B	MINIMUM
		C	MAXIMUM

ALL*

ADVM J CROSS-SECTIONAL THICKNESS

Definition: A MEASUREMENT OF THE SMALLEST DIMENSION OF A CROSS SECTION, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADVMJAA0.050*; ADVMJLA25.4*; ADVMJAB0.045$$JAC0.050*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ADVL J CROSS SECTION OUTSIDE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A CROSS SECTION, AND TERMINATES AT THE OUTSIDE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADVLJAA0.500*; ADVLJLA25.4*; ADVLJAB0.490$$JAC0.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)

APP Key	MRC	Mode Code	Requirements
		A	NOMINAL
		B	MINIMUM
		C	MAXIMUM

ALL*

BFDK D PROTRUSION TYPE

Definition: INDICATES THE TYPE OF PROTRUSION PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BFDKDAAP*)

A connecting fin is the protrusion of thin knitted wire mesh extending between two (double) round shapes. A fin(s) is the protrusion of thin wire extending along the entire length of the round or strip shape.

REPLY CODE	REPLY (AJ54)
AAP	CONNECTING FIN
AAQ	FIN

ALL*

NMBR A QUANTITY

Definition: A NUMERIC VALUE WHICH REPRESENTS A POSITIVE WHOLE VALUE WITHOUT REGARD TO ANY UNIT OR MEASURE.

Reply Instructions: Enter the quantity. (e.g., NMBRA2*)

ALL*

WDTH J WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., WDTHJA1.000*; WDTHJL25.4*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

APP Key	MRC	Mode Code	Requirements

ALL*

THKS J THICKNESS

Definition: A MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., THKSJA0.063*; THKSJL25.4*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

ALL*

ABHP J OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA8.000*; ABHPJLA25.4*; ABHPJAB7.900$$JAC8.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

BFDL D WEATHER SEALING COMPOUND IMPREGNATION

APP Key	MRC	Mode Code	Requirements

Definition: AN INDICATION OF WHETHER OR NOT WEATHER SEALING COMPOUND IMPREGNATION IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BFDLDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

ALL*

ADTW D SEALING ELEMENT MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE SEALING ELEMENT IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., ADTWDSLA000*; ADTWDSL0000$$DPC0000*; ADTWDRCH000$DSL0000*)

ALL

BFDN D NONMETALLIC CORE

Definition: AN INDICATION OF WHETHER OR NOT A NONMETALLIC CORE IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BFDNDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

ALL*

AJXJ D CORE MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE CORE IS FABRICATED.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., AJXJDRCB000*; AJXJDCSA000$$DPCAAC0*; AJXJDRCB000$DSL0000*)

ALL*

ACZR D CORE CONSTRUCTION

Definition: THE DESIGNATION DESCRIBING THE METHOD USED IN FORMING THE CORE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ACZRDD*; ACZRDE$DS*)

REPLY CODE	REPLY (AC13)
D	CELLULAR
S	SOLID
E	TUBULAR

SECTION: G

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME
	Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.		
	Reply Instructions: Enter the applicable Item Name Code. (e.g., NAMED16186)*		
ALL*			
	AAFZ	D	BODY MATERIAL
	Definition: THE BASIC MATERIAL OF WHICH THE ITEM IS FABRICATED.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., AAFZDAL0000*; AAFZDPCW000$$DFB0000*; AAFZDPC0000$DRC0000*)		
ALL*			
	SURF	D	SURFACE TREATMENT
	Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS A SURFACE.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 3. (e.g., SURFDPS0000*; SURFDENF000$$DLQH000*; SURFDLQD000$DRCAAAG*)		
ALL			
	BFDR	D	INSERT
	Definition: AN INDICATION OF WHETHER OR NOT AN INSERT IS INCLUDED.		
	Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BFDRDB*)		

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

APP Key	MRC	Mode Code	Requirements
ALL*			
	AFRQ	D	INSERT MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE INSERT IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., AFRQDBR0000*; AFRQDBR0000$$DALC000*; AFRQDBR0000$DCU0000*)

ALL*			
	ABRY	J	LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF ANY OBJECT, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABRYJAA0.250*; ABRYJLA25.4*; ABRYJAB0.250$$JAC0.260*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*			
	ABGL	J	WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABGLJAA0.594*; ABGLJLA25.4*; ABGLJAB1.620$$JAC1.630*)

Table 1

REPLY CODE	REPLY (AA05)

APP Key	MRC	Mode Code	Requirements
		A	INCHES
		L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ASDB J WIDTH ACROSS FLATS

Definition: THE SHORTEST STRAIGHT LINE BETWEEN FLATS, PERPENDICULAR TO THE HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ASDBJAA1.250*; ASDBJLA25.4*; ASDBJAB0.095$$JAC1.050*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

HGTH J HEIGHT

Definition: A MEASUREMENT FROM THE BOTTOM TO THE TOP OF AN OBJECT, IN DISTINCTION FROM DEPTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., HGTHJAA0.250*; HGTHJLA25.4*; HGTHJAB0.250$$JAC0.260*)

Table 1

REPLY CODE	REPLY (AA05)

APP Key	MRC	Mode Code	Requirements
		A	INCHES
		L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABMZ J DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A CIRCULAR FIGURE OR BODY, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMZJAA0.340*; ABMZJLA25.4*; ABMZJAB0.340$$JAC0.350*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

BFBH G FASTENING FACILITY

Definition: THE FACILITY (IES) FOR FASTENING THE ITEM.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., BFBHGSCREWDRIVER SLOT IN ONE END;SCREWDRIVER SLOTTED TOP*)

ALL

APP Key	MRC	Mode Code	Requirements
	BFBJ	D	CHAIN

Definition: AN INDICATION OF WHETHER OR NOT A CHAIN IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BFBJDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL*

	MATL	D	MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., MATLDALC000*; MATLDPC0000$$DRC0000*; MATLDALC000$DBR0000*)

ALL*

	AGFA	J	CHAIN LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF A CHAIN.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AGFAJAA1.250*; AGFAJLA25.4*; AGFAJAB3.375$$JAC3.625*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

APP Key	MRC	Mode Code	Requirements
	AXGY	D	MOUNTING METHOD

Definition: THE MEANS OF ATTACHING THE ITEM.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 4. (e.g., AXGYDAAC*; AXGYDACP$$DACS*; AXGYDAEM$DAFL*)

NOTE FOR MRCS THSD, ABUJ, AECS, AAUB, AND AYQE: IF REPLY CODE ACS IS ENTERED FOR MRC AXGY, REPLY TO MRCS ABUJ AND THSD. IF REPLY CODE AAC IS ENTERED FOR MRC AXGY, REPLY TO MRCS AECS, AAUB, AND AYQE.

ALL* (See Note Above)

	THSD #	D	THREAD SERIES DESIGNATOR

Definition: A DESIGNATION DISTINGUISHING ONE GROUP OF THREAD DIAMETER-PITCH COMBINATIONS FROM ANTOHER BY THE NUMBER OF THREADS PER MEASUREMENT SCALE FOR A SPECIFIC DIAMETER.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., THSDDSM*)

REPLY CODE	REPLY (AH06)
SM	ISO M
SS	ISO S

ALL* (See Note Preceding MRC THSD)

	ABUJ	A	THREAD SIZE

Definition: DESIGNATES THE THREAD DIAMETER AND NUMBER OF THREADS PER SPECIFIC MEASUREMENT SCALE.

Reply Instructions: Enter the reply in clear text. (e.g., ABUJA1/2-12*)

ALL* (See Note Preceding MRC THSD)

	AECS	A	BOLT HOLE QUANTITY

Definition: THE NUMBER OF BOLT HOLES PROVIDED ON THE ITEM.

Reply Instructions: Enter the quantity. (e.g., AECSA2*)

ALL* (See Note Preceding MRC THSD)

APP Key	MRC	Mode Code	Requirements
	AAUB	J	HOLE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A HOLE, AND TERMINATES AT THE CIRCUMFERENCES.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AAUBJAA0.250*; AAUBJLA25.4*; AAUBJAB0.116$$JAC0.119*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL* (See Note Preceding MRC THSD)

	AYQE	G	HOLE SPACING

Definition: THE SPACING BETWEEN THE HOLES.

Reply Instructions: Enter the reply in clear text. (e.g., AYQEGSPACED 2 IN. CENTER TO CENTER*)

SECTION: H

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME
	Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.		
	Reply Instructions: Enter the applicable Item Name Code. (e.g., NAMED19067)*		
ALL			
	MATL	D	MATERIAL
	Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., MATLDAL0000*; MATLDAL0000$$DPC0000*; MATLDALC000$DGS0000*)		
ALL*			
	SURF	D	SURFACE TREATMENT
	Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS A SURFACE.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 3. (e.g., SURFDRHC000*; SURFDAN0000$$DPN0000*; SURFDLQH000$DRHC000*)		
ALL			
	BBYZ	G	INSTRUMENT SIZE FOR WHICH DESIGNED
	Definition: DESIGNATES THE SIZE OF THE INSTRUMENT FOR WHICH THE ITEM IS DESIGNED.		
	Reply Instructions: Enter the reply in clear text. (e.g., BBYZG3.125 IN. WIDE BY 3.125 IN. LONG*)		
ALL			
	ADTS	D	CONSTRUCTION TYPE

APP Key	MRC	Mode Code	Requirements

Definition: INDICATES THE TYPE OF CONSTRUCTION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ADTSDB*)

REPLY CODE	REPLY (AC66)
B	ONE-PIECE
C	TWO-PIECE
N	TWO-PIECE FRONT FLANGE ONLY
M	TWO-PIECE FRONT FLANGE/RUBBER RING
K	TWO-PIECE FRONT/REAR FLANGE
L	TWO-PIECE FRONT/REAR FLANGE/8 SCREWS
P	TWO-PIECE RING/SPRING

ALL

BFBK D DIAL APERTURE SHAPE

Definition: THE PHYSICAL CONFIGURATION OF THE DIAL APERTURE.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., BFBKDRC*; BFBKDRD$DPC*)

ALL

BFBL G DIAL APERTURE SIZE

Definition: DESIGNATES THE SIZE OF THE RELATIVE OR PROPORTIONATE DIMENSIONS OF THE DIAL APERTURE.

Reply Instructions: Enter the reply in clear text. (e.g., BFBLG1.7812 IN. DIA*)

ALL

BFBM D DIAL APERTURE KNOB CUTOUT FEATURE

Definition: AN INDICATION OF WHETHER OR NOT A KNOB CUTOUT FEATURE IS INCLUDED IN THE DIAL APERTURE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BFBMDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

APP Key	MRC	Mode Code	Requirements

ALL*

BFBN A DIAL APERTURE KNOB CUTOUT QUANTITY

Definition: THE NUMBER OF KNOB CUTOUTS INCLUDED IN THE DIAL APERTURE.

Reply Instructions: Enter the quantity. (e.g., BFBNA2*)

ALL*

BFBP G KNOB CUTOUT SIZE

Definition: DESIGNATES THE RELATIVE OR PROPORTIONATE DIMENSIONS OF THE KNOB CUTOUT(S).

Reply Instructions: Enter the reply in clear text. (e.g., BFBPG0.094 IN. RADIUS BY 0.375 IN. DEEP, 0.348 IN. MIN 0.353 IN. MAX RADIUS BY 0.188 IN. DEEP*)

ALL*

BFBQ G CUTOUT LOCATION

Definition: THE POSITION OF THE CUTOUT(S) ON THE ITEM.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., BFBQGLOWER RH CORNER;LOWER LF CORNER*)

ALL

AXGY D MOUNTING METHOD

Definition: THE MEANS OF ATTACHING THE ITEM.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 4. (e.g., AXGYDABL*; AXGYDAAE$DANF*)

ALL*

ABTJ A MOUNTING HOLE QUANTITY

Definition: THE NUMBER OF MOUNTING HOLES PROVIDED.

Reply Instructions: Enter the quantity. (e.g., ABTJA4*)

APP Key	MRC	Mode Code	Requirements
ALL*			
	AZFN	G	MOUNTING HOLE SIZE

Definition: DESIGNATES THE RELATIVE OR PROPORTIONATE DIMENSION OF THE MOUNTING HOLE.

Reply Instructions: Enter the reply in clear text. (e.g., AZFNG0.170 IN. DIA, 0.17 IN. DIA HOLES*)

ALL*

	AZSY	G	MOUNTING HOLE CONFIGURATION

Definition: THE NARRATIVE EXPRESSION USED FOR INDICATING THE CONFIGURATION OF THE MOUNTING HOLES.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., AZSYGHOLES IRREGULARLY SPACED;EQUALLY SPACED ON 3 IN. HOLE CIRCLE DIA*)

ALL*

	ABHP	J	OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA2.375*; ABHPJLA25.4*; ABHPJAB2.375$$JAC2.400*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

APP Key	MRC	Mode Code	Requirements
	ABMK	J	OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA2.500*; ABMKJLA25.4*; ABMKJAB2.400$$JAC2.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

	ADUM	J	OVERALL THICKNESS

Definition: AN OVERALL MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADUMJAA0.500*; ADUMJLA25.4*; ADUMJAB0.490$$JAC0.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

APP Key	MRC	Mode Code	Requirements
	ADAV	J	OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA2.400*; ADAVJLA25.4*; ADAVJAB2.400$$JAC2.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

SECTION: J

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code. (e.g., NAMED07716)*

ALL			
	APQB	D	UNIT TYPE

Definition: INDICATES THE TYPE OF UNIT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 7. (e.g., APQBDALQ*; APQBDALL$$DALM*; APQBDALL$DALQ*)

ALL			
	MATL	D	MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., MATLDAL0000*; MATLDAL0000$DST0000*)

NOTE FOR MRCX ABPX: IF A METALLIC MATERIAL IS ENTERED FOR MRC MATL, REPLY TO MRC ABPX.

ALL* (See Note Above)			
	ABPX	J	MATERIAL THICKNESS

Definition: A MEASUREMENT OF THE SMALLEST DIMENSION OF THE MATERIAL, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABPXJAA0.250*; ABPXJLA25.4*; ABPXJAB0.240$$JAC0.250*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

SURF D SURFACE TREATMENT

Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS A SURFACE.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 3. (e.g., SURFDPN0000*; SURFDDC0000$$DEND000*; SURFDLQH000$DPN0000*)

ALL

HUES D COLOR

Definition: A CHARACTERISTIC OF LIGHT THAT CAN BE SPECIFIED IN TERMS OF LUMINANCE, DOMINANT WAVELENGTH, AND PURITY.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 8. (e.g., HUESDBR0000*; HUESDNA0000$$DYE0000*; HUESDBL0000$DBR0000*)

ALL

BFBR A GANG QUANTITY

Definition: THE NUMBER OF GANGS PROVIDED

Reply Instructions: Enter the quantity. (e.g., BFBRA2*)

A gang is defined as the terminology used to represent the openings that will accommodate a standard size wiring device.

ALL*

AXPY A OPENING QUANTITY

APP
Key MRC Mode Code Requirements

Definition: THE NUMBER OF OPENINGS IN THE ITEM.

Reply Instructions: Enter the quantity. (e.g., AXPYA2*)

ALL*

BFBS L OPENING STYLE DESIGNATOR

Definition: THE STYLE DESIGNATION INDICATING THE CONFIGURATION THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE OPENING.

Reply Instructions: Enter the applicable style number from Appendix B , Reference Drawing Group A. (e.g., BFBSL1*)

ALL

BFBT D INSULATING ADAPTER

Definition: AN INDICATION OF WHETHER OR NOT AN INSULATING ADAPTER IS INCLUDED WITH THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BFBTDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL

AQHT D COVER

Definition: AN INDICATION OF WHETHER OR NOT A COVER IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AQHTDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

ALL*

APP Key	MRC	Mode Code	Requirements
	BFBY	J	CENTER TO CENTER VERTICAL DISTANCE BETWEEN OPENINGS

Definition: THE CENTER TO CENTER VERTICAL DISTANCE BETWEEN OPENINGS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BFBYJAA1.843*; BFBYJLA25.4*; BFBYJAB1.843$$JAC1.844*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

	BFBZ	J	CENTER TO CENTER HORIZONTAL DISTANCE BETWEEN GANG CENTERS

Definition: THE CENTER TO CENTER HORIZONTAL DISTANCE BETWEEN GANG CENTERS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BFBZJAA1.812*; BFBZJLA25.4*; BFBZJAB1.812$$JAC1.825*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements

ALL*

LGTH J LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF AN ITEM, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., LGTHJA2.500*; LGTHJL25.4*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

ALL*

WDTH J WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF A ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., WDTHJA1.750*; WDTHJL25.4*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

ALL*

DMTR J DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A CIRCULAR FIGURE OR BODY, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., DMTRJA1.500*; DMTRJL25.4*)

REPLY CODE	REPLY (AA05)

APP Key	MRC	Mode Code	Requirements
		A	INCHES
		L	MILLIMETERS
ALL			
	AXGY #	D	MOUNTING METHOD
	Definition: THE MEANS OF ATTACHING THE ITEM.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 4. (e.g., AXGYDABL*; AXGYDAAE$DANF*)		
ALL			
	ABTJ	A	MOUNTING HOLE QUANTITY
	Definition: THE NUMBER OF MOUNTING HOLES PROVIDED.		
	Reply Instructions: Enter the quantity. (e.g., ABTJA2*)		
ALL			
	AZFN #	G	MOUNTING HOLE SIZE
	Definition: DESIGNATES THE SIZE OF THE RELATIVE OR PROPORTIONATE DIMENSION OF THE MOUNTING HOLE.		
	Reply Instructions: Enter the reply in clear text. (e.g., AZFNG0.170, IN. DIA, 0.17 IN, DIA HOLES*)		
ALL			
	AZSY #	G	MOUNTING HOLE CONFIGURATION
	Definition: THE NARRATIVE EXPRESSION USED FOR INDICATING THE CONFIGURATION OF THE MOUNTING HOLES.		
	Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., AZSYGHOLES IRREGULARLY SPACED;EQUALLY SPACED ON 3 IN. HOLE CIRCLE DIA*)		
*ALL**			
	CBBL	*D*	*FEATURES PROVIDED*

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM..

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDFNY)*

REPLY CODE	*REPLY (AN47)*
FNY	*ROHS DIRECTIVE COMPLIANCE*

SECTION: K

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME
	Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.		
	Reply Instructions: Enter the applicable Item Name Code. (e.g., NAMED26004)*		
KA, KC			
	MATL	D	MATERIAL
	Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., MATLDALC000*; MATLDALC000$$DBR0000*; MATLDALC000$DBR0000*)		
KA*, KC*			
	SURF	D	SURFACE TREATMENT
	Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS A SURFACE.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 3. (e.g., SURFDAN0000*; SURFDAN0000$DCNM000*; SURFDBL0000$$DLQC000*)		
KA			
	SHPE	D	SHAPE
	Definition: THE PHYSICAL CONFIGURATION OF THE ITEM.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., SHPEDCR*; SHPEDCR$DPC*)		
ALL*			
	ABFY	J	OVERALL DEPTH

APP Key	MRC	Mode Code	Requirements

Definition: AN OVERALL MEASUREMENT BETWEEN SPECIFIED POINTS OF AN ITEM, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABFYJAA2.400*; ABFYJLA25.4*; ABFYJAB2.400$$JAC2.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ADAV J OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA2.400*; ADAVJLA25.4*; ADAVJAB2.400$$JAC2.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABKW J OVERALL HEIGHT

APP Key	MRC	Mode Code	Requirements

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA2.500*; ABKWJLA25.4*; ABKWJAB2.400$$JAC2.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABHP J OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA4.000*; ABHPJLA25.4*; ABHPJAB3.900$$JAC4.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ADUM J OVERALL THICKNESS

APP Key	MRC	Mode Code	Requirements

Definition: AN OVERALL MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADUMJAA2.500*; ADUMJLA25.4*; ADUMJAB2.400$$JAC2.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABMK J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA3.000*; ABMKJLA25.4*; ABMKJAB2.900$$JAC3.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

KC

CXQZ D WRIST BAND TYPE

APP
Key MRC Mode Code Requirements

Definition: INDICATES THE TYPE OF WRIST BAND.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CXQZDET*)

REPLY CODE	REPLY (AC55)
HQ	ADJUSTABLE
ET	FIXED

NOTE FOR MRCS AREG AND ATYC: IF REPLY CODE HQ IS ENTERED FOR MRC CXQZ, REPLY TO MRC AREG. IF REPLY CODE ET IS ENTERED FOR MRC CXQZ, REPLY TO MRC ATYC.

KC* (See Note Above)

AREG D ADJUSTMENT METHOD

Definition: THE MEANS PROVIDED TO ADJUST AN ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AREGDAGY*)

REPLY CODE	REPLY (AL41)
AGT	HOOK-LOOP (velcro)
AGY	SNAP

KC* (See Note Preceding MRC AREG)

ATYC D SIZE

Definition: AN INDICATION OF THE SIZE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ATYCDATS*)

REPLY CODE	REPLY (AF81)
ATJ	LARGE
ATN	MEDIUM
ATS	SMALL

NOTE: IF REPLY CODE CZV IS ENTERED FOR MRC CBBL, REPLY TO MRC AKRZ.

APP Key	MRC	Mode Code	Requirements

KC*

AKRZ D TERMINATION TYPE

Definition: INDICATES THE TYPE OF FACILITY PROVIDED ON THE DEVICE FOR ATTACHING TO ANOTHER ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKRZDBK*)

REPLY CODE	REPLY (AE79)
BK	ALLIGATOR CLIP
GQ	BANANA PLUG
GR	FASTENER

KC*

ASRD D CORD TYPE

Definition: INDICATES THE TYPE OF CORD.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ASRDDAE*)

REPLY CODE	REPLY (AL76)
AW	COIL
AE	STRAIGHT

KC*

BQMM J CORD LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF A CORD, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (BQMMJFA12.000*; BQMMJMA3.7*; BQMMJFB11.500$$JFC12.500*)

Table 1

REPLY CODE	REPLY (AA05)
F	FEET
A	INCHES
M	METERS

APP Key	MRC	Mode Code	Requirements
		L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

KC* (See Note Above)

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDCZV*; CBBLDCZV$$DCZU*)

REPLY CODE	REPLY (AN47)
CZU	BUILT-IN RESISTOR
CZV	ELECTRICAL LEAD

ALL*

ALGC G MOUNTING CONFIGURATION

Definition: THE PATTERN OR ARRANGEMENT THAT DESCRIBES THE MOUNTING CONFIGURATION OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., ALGCGFOUR 0.750 IN. DIA MTG HOLES ON 2.500 IN. BY 2.000 IN. MTG CENTERS*)

KB*

AKYD G ACCESSORY COMPONENTS AND QUANTITY

Definition: THE NAME AND NUMBER OF PARTS SUPPLIED WITH THE ITEM WHICH MAY BE REQUIRED FOR APPLICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., AKYDGCLAPPER STEM ASSEMBLY 1*; AKYDGWASHERS 2;BEARING PIN 1*)

SECTION: STANDARD

APP Key	MRC	Mode Code	Requirements
ALL*			
	FEAT	G	SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., FEATGADJUSTABLE NOSE CLIP*; FEATGADJUSTABLE NOSE PIECE; DISPOSABLE*)

ALL*			
	TEST	J	TEST DATA DOCUMENT

Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE Code, a dash, and the document identification number.

(e.g., TESTJA12345-CWX654321*;

TESTJA1234A-654321$$JB5556A-663654*;

TESTJAA2345-654321$JB55566-663654*)

REPLY CODE	REPLY (AC28)
A	SPECIFICATION (Includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical," "average," "nominal," etc.)
B	STANDARD (Includes industry or association standards, individual manufacturer standards, etc.)

APP Key	MRC	Mode Code	Requirements
		C	DRAWING (This is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard, or other document that may be referenced in a basic governing drawing)

ALL*

SPCL G SPECIAL TEST FEATURES

Definition: TEST CONDITIONS AND RATINGS, OR ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS THAT ARE DIFFERENT, MORE CRITICAL, OR MORE SPECIFIC THAN THOSE SPECIFIED IN A GOVERNING TEST DATA DOCUMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SPCLGSELECTED AND TESTED FOR NAVIGATIONAL SYSTEMS*)

ALL*

ZZZK J SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

(e.g., ZZZKJT81337-30642B*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/*;

ZZZKJP80205-NAS1103*;

ZZZKJS81349-MIL-C-1140C/CE/*;

ZZZKJT81337-30642B$$JP80205-NAS1103*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AN62)
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
B	NATIONAL STD/SPEC
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

NOTE FOR MRC ZZZT: IF THE SPECIFICIATION/STANDARD CITED IN REPLY TO MRC ZZZK IS NONDEFINITIVE, REPLY TO MRC ZZZT. THIS REPLY IS THE DATA WHICH IS NOT RECORDED IN SEGMENT C.

ALL* (See Note Above)

ZZZT J NONDEFINITIVE SPEC/STD DATA

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 6, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1*; ZZZTJTY1$$JSTA*; ZZZTJTY1$JSTA*)

ALL*

ZZZW G DEPARTURE FROM CITED DOCUMENT

Definition: THE TECHNICAL DIFFERENTIATING CHARACTERISTIC(S) OF AN ITEM OF SUPPLY WHICH DEPART(S) FROM THE TEXT OF A SPECIFICATION OR A STANDARD IN THAT IT REPRESENTS A SELECTION OF CHARACTERISTICS STATED IN THE SPECIFICATION OR STANDARD AS BEING OPTIONAL, OR A VARIATION FROM ONE OR MORE OF THE STATED CHARACTERISTICS, OR AN ADDITIONAL CHARACTERISTIC NOT STATED IN THE SPECIFICATION OR STANDARD.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZWGAS MODIFIED BY MATERIAL*)

APP Key	MRC	Mode Code	Requirements
ALL*			
	ZZZX	G	DEPARTURE FROM CITED DESIGNATOR
			Definition: THE VARIATION WHEN THE ITEM IS IN CONFORMITY WITH A TYPE DESIGNATOR COVERED BY A SPECIFICATION OR STANDARD, EXCEPT IN REGARD TO ONE OR MORE TECHNICAL DIFFERENTIATING CHARACTERISTICS.
			Reply Instructions: Enter the reply in clear text. (e.g., ZZZXGAS MODIFIED BY MATERIAL*)
ALL*			
	ZZZY	G	REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS
			Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.
			Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*)
ALL*			
	CRTL	A	CRITICALITY CODE JUSTIFICATION
			Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.
			Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAMATL*; CRTLAMATL$$ASURF*)
			Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.
NOTE FOR MRC PRPY: IF DOCUMENT AVAILABILITY CODE B, D, F, OR H, REPLY TO MRC PRPY.			
ALL* (See Note Above)			

APP Key	MRC	Mode Code	Requirements
	PRPY	A	PROPRIETARY CHARACTERISTICS

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding ($$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAMATL$$ASURF*)

ALL*

	ELRN	G	EXTRA LONG REFERENCE NUMBER

Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g., ELRNGANN112036BIL060557LEN313605UZ62365*).

If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365).

In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.

NOTE FOR MRC NHCF: IF THE CRITICALITY CODE IS E, H, OR M, REPLY TO MRC NHCF.

ALL* (See Note Above)

	NHCF	D	NUCLEAR HARDNESS CRITICAL FEATURE

Definition: AN INDICATION OF THE NUCLEAR HARDNESS CRITICALITY OF THE ITEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the Reply Code from the table below. (e.g., NHCFDCY*)

REPLY CODE	REPLY (AD05)
CY	HARDENED

ALL*

ELCD D EXTRA LONG CHARACTERISTIC DESCRIPTION

Definition: A DESCRIPTION THAT EXCEEDS 5000 CHARACTERS.

Reply Instructions: Enter the Reply Code from the table below. (e.g., ELCDDA*)

REPLY CODE	REPLY (AN58)
A	ADDITIONAL DESCRIPTIVE DATA ON MANUAL RECORD

ALL*

CXCY G PART NAME ASSIGNED BY CONTROLLING AGENCY

Definition: THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., CXCYGLINE PROCESSOR CONTROL BOARD*)

SECTION: SUPPTECH

APP Key	MRC	Mode Code	Requirements
ALL			
	AFJK	J	CUBIC MEASURE

Definition: A MEASUREMENT OF VOLUME TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE HEIGHT OF AN ITEM AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AFJKJB8.000*; AFJKJC0.061*)

REPLY CODE	REPLY (AD42)
C	CUBIC CENTIMETERS
B	CUBIC INCHES

ALL

AGAV G END ITEM IDENTIFICATION

Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.

Reply Instructions: Enter the reply in clear text.

(e.g., AGAVG3930-00-000-0000*;

AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*)

ALL

ALCD G USAGE DESIGN

Definition: INDICATES THE DESIGNED USE OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., ALCDGUSED FOR FOCUSING*; ALCDGPANEL GASKET, DOOR GASKET*)

ALL

PRMT D PRECIOUS MATERIAL

Definition: IDENTIFICATION OF THE PRECIOUS MATERIAL CONTAINED IN THE ITEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., PRMTDAGA000*; PRMTDAUA000$$DAGA000*; PRMTDAGA000$DAUA000*)

REPLY CODE	REPLY (MA01)
AUA000	GOLD
IRA000	IRIDIUM
AZA000	OSMIUM
PDA000	PALLADIUM
PTA000	PLATINUM
RHA000	RHODIUM
RTA000	RUTHENIUM
AGA000	SILVER

ALL

PMWT J PRECIOUS MATERIAL AND WEIGHT

Definition: AN INDICATION OF THE PRECIOUS MATERIAL CONTAINED IN THE ITEM, AND THE AMOUNT PER A MEASUREMENT SCALE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. Enter multiple replies in Table 1 sequence. (e.g., PMWTJPTA000R0.780*; PMWTJAUA000F0.500$$JAGA000R0.780*; PMWTJAUA000F0.500$JAGA000R0.780*)

Table 1

REPLY CODE	REPLY (MA01)
AUA000	GOLD
IRA000	IRIDIUM
AZA000	OSMIUM
PDA000	PALLADIUM
PTA000	PLATINUM
RHA000	RHODIUM
RTA000	RUTHENIUM
AGA000	SILVER

Table 2

REPLY CODE	REPLY (AG14)
E	GRAINS, TROY
R	GRAMS
F	OUNCES, TROY

ALL

APP Key	MRC	Mode Code	Requirements
	PMLC	J	PRECIOUS MATERIAL AND LOCATION

Definition: AN INDICATION OF THE PRECIOUS MATERIAL AND ITS LOCATION IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the location in clear text. (e.g., PMLCJAUA000TERMINALS*; PMLCJAUA000TERMINALS$$JAGA000INTERNAL SURFACES*; PMLCJAGA000TERMINALS$JAUA000INTERNAL SURFACES*)

REPLY CODE	REPLY (MA01)
AUA000	GOLD
IRA000	IRIDIUM
AZA000	OSMIUM
PDA000	PALLADIUM
PTA000	PLATINUM
RHA000	RHODIUM
RTA000	RUTHENIUM
AGA000	SILVER

ALL

	SUPP	G	SUPPLEMENTARY FEATURES

Definition: CHARACTERISTICS OR QUALITIES OF AN ITEM, NOT COVERED IN ANY OTHER REQUIRMENT, WHICH ARE CONSIDERED ESSENTIAL INFORMATION FOR ONE OR MORE FUNCTIONS EXCLUDING NSN ASSIGNMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SUPPGMAY INCL HOLE IN UPPER SUPPORT FOR MTG DURING SHIPMENT*)

ALL

	ZZZP	J	PURCHASE DESCRIPTION IDENTIFICATION

Definition: THE CONTROLLING ACTIVITY AND IDENTIFICATION OF A DOCUMENT USED IN LIEU OF A SPECIFICATION IN THE PROCUREMENT OF AN ITEM OF SUPPLY.

Reply Instructions: Enter the 5-position Commercial and Government Entity (CAGE) Code, followed by a dash and the identifying number of the document.

(e.g., ZZZPJ81337-30624A*)

APP Key	MRC	Mode Code	Requirements
ALL			
	ZZZV	G	FSC APPLICATION DATA

Definition: THE JUSTIFICATION FOR THE ASSIGNMENT OF A FEDERAL SUPPLY CLASS (FSC) TO AN ITEM BASED ON THE CLASSIFICATION OF THE NEXT HIGHER CLASSIFIABLE ASSEMBLY.

Reply Instructions: Enter the name of the next higher classifiable assembly in clear text. (e.g., ZZZVGFUEL SYSTEM, GASOLINE ENGINE, NONAIRCRAFT*)

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Reply Tables

Table 1 - SHAPES

SHAPES

REPLY CODE	REPLY (AD07)
RC	ARC
GM	C
MH	CHANNEL
CR	CIRCULAR
NR	COMB
QS	CRESENT
AN	CYLINDRICAL
GN	D
FC	DISC
FP	DISK
NS	DUMBBELL
FL	FLAT
NT	HALF CIRCULAR
BC	IRREGULAR
NW	J
DP	L
QA	QUADRANT
RT	RECTANGULAR
NX	RECTANGULAR W/BRIDGING LOOP
ML	RECTANGULAR W/ROUND ENDS
NY	RECTANGULAR W/SQUARE ENDS
NZ	RING
RD	ROUND
SQ	SQUARE
PB	SQUARE W/ROUNDED CORNERS
BBK	T
PC	THREE QUARTERS CIRCULAR
TR	TRIANGULAR
PD	U

Table 2 - MATERIALS

MATERIALS

REPLY CODE	REPLY (AD09)
DFU000	ACETATE
AC0000	ACETATE COATED
ALC000	ALUMINUM
	Aluminum Alcad (use Reply Code ALT000)
AL0000	ALUMINUM ALLOY
AL2735 #	ALUMINUM ALLOY, A-G4 MC
AL2741 #	ALUMINUM ALLOY, A-U4G

REPLY CODE	REPLY (AD09)
AL2730 #	ALUMINUM ALLOY, AG5
AL1369	ALUMINUM ALLOY, ALLOY 2024, TEMPER 4, AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)
AL0021	ALUMINUM ALLOY, AMS 4182
ALAH00	ALUMINUM ALLOY, CAST
AL1766	ALUMINUM ALLOY, MIL-A-19070, H32
AL0994	ALUMINUM ALLOY, QQ-A-200/8, 6061,T6
AL0130	ALUMINUM ALLOY, QQ-A-225/6
AL0047	ALUMINUM ALLOY, QQ-A-225/6, ALLOY 2024
AL0280	ALUMINUM ALLOY, QQ-A-225/6, ALLOY 2024, T4
AL0279	ALUMINUM ALLOY, QQ-A-225/6, ALLOY 2024, T351
AL0943	ALUMINUM ALLOY, QQ-A-225/6, T351
AL0132	ALUMINUM ALLOY, QQ-A-225/8
AL0049	ALUMINUM ALLOY, QQ-A-225/8, ALLOY 6061
AL0293	ALUMINUM ALLOY, QQ-A-225/8, ALLOY 6061, T6
AL0087	ALUMINUM ALLOY, QQ-A-250
AL0340	ALUMINUM ALLOY, QQ-A-250/4, ALLOY 2024, T235
AL0590	ALUMINUM ALLOY, QQ-A-250/5
AL0370	ALUMINUM ALLOY, QQ-A-250/8, ALLOY 5052, H32
AL0059	ALUMINUM ALLOY, QQ-A-250/11, ALLOY 6061
AL0387	ALUMINUM ALLOY, QQ-A-250/11, ALLOY 6061, T6
AL0385	ALUMINUM ALLOY. QQ-A-250/11, ALLOY 6061, 0
AL1568	ALUMINUM ALLOY, QQ-A-268, ALLOY 2024, T4
AL0544	ALUMINUM ALLOY, QQ-A-268, COND T4
AL0532	ALUMINUM ALLOY, QQ-A-318, H34
AL1009	ALUMINUM ALLOY, QQ-A-318, 5032, H32
AL1725	ALUMINUM ALLOY, QQ-A-325, ALLOY 6061, T6
AL0431	ALUMINUM ALLOY, QQ-A-367, COMP 6061, T6
AL0184	ALUMINUM ALLOY, QQ-A-591
AL0523	ALUMINUM ALLOY, QQ-A-591, ALLOY 380
AL0161	ALUMINUM ALLOY, QQ-A-601, ALLOY 356, TEMPER T51
AL1377	ALUMINUM ALLOY, QQ-A-601, ALLOY 356, T6
AL1774	ALUMINUM ALLOY, WW-T-700
AL0998	ALUMINUM ALLOY, WW-T-700/6
AL1733	ALUMINUM ALLOY, WW-T-700/6, ALLOY 6061, T6, TYPE 1
AL0639	ALUMINUM ALLOY, WW-T-789
ALT000	ALUMINUM CLAD ALUMINUM ALLOY
ALAU00	ALUMINUM-NICKEL-COBALT ALLOY
ALAX00	ALUMINUM-NICKEL-COBALT-IRON
ABA000	ALUMINUM OXIDE
ALM000	ALUMINUM SILICONE
AS0000	ASBESTOS
BJ0000	BARIUM
BJA000	BARIUM FERRITE
BC0000	BERYLLIUM COPPER
BC0012	BERYLLIUM COPPER, QQ-C-533
BC0006	BERYLLIUM COPPER, QQ-C-533, COMP A

REPLY CODE	REPLY (AD09)
BC0007	BERYLLIUM COPPER, QQ-C-533, COMP HT
BC0008	BERYLLIUM COPPER, QQ-C-533, COMP 1/2H
BC0051	BERYLLIUM COPPER, QQ-C-533, 172, H
BR0000	BRASS
BRAH00 #	BRASS, ALLOY
BR0331	BRASS, ASTM B135, ALLOY 2, HARD DRAWN
BR0813	BRASS, GRADE A-5113, 1/2 H GTE AUTOMATIC ELECTRIC INC.
BR0475	BRASS, MIL-T-6945, COMP 3
BRJ000	BRASS, NAVAL
BR0430	BRASS, QQ-B-611A, COMP C, 1/2 H - CANCELED
BR0047	BRASS, QQ-B-613
BR0412	BRASS, QQ-B-613, ALLOY 230
BR0816	BRASS, QQ-B-613, ALLOY 230, ANNEALED
BR0083	BRASS, QQ-B-613, ALLOY 260, 1/2 H
BR0082	BRASS, QQ-B-613, ALLOY 260, 1/4 H
BR0089	BRASS, QQ-B-613, ALLOY 268, 1/2 H
BR0156	BRASS, QQ-B-613, COMP 1, 1/2 HARD
BR0173	BRASS, QQ-B-613, COMP 1, 1/4 HARD
BR0009	BRASS, QQ-B-613, COMP 2
BR0162	BRASS, QQ-B-613, COMP 2, 1/2 HARD
BR0161	BRASS, QQ-B-613, COMP 2, 1/4 HARD
BR0170	BRASS, QQ-B-613, COMP 4, 1/4 HARD
BR0011	BRASS, QQ-B-613, COMP 11
BR0476	BRASS, QQ-B-613, 1/2 HARD
BR0155	BRASS, QQ-B-626, ALLOY 360, 1/2 H
BR0041	BRASS, QQ-B-626, COMP 22, 1/2 H - CANCELED
BR0050	BRASS, QQ-W-321
BRAD00	BRASS, SOFT
BR0487	BRASS, WW-T-791, GRADE 2, TYPE A
BN0000	BRONZE
BNAE00 #	BRONZE, ALLOY
	Bronze Chrysocale (use Reply Code BNAE00)
BN0364	BRONZE, QQ-P-330, COMP D
CD0000	CADMIUM
ALF000	CAST ALUMINUM
	Cast Aluminum Alloy (use Reply Code ALAH00)
CSA000	CELLULOSE
CJ0000	CERAMIC
CJE000	CERAMIC FERRITE
DFCCL0	CLOTH, LAMINATED FIBERGLASS
DFAAK0	CLOTH, NYLON
CM0000	COBALT
CMC000	COBALT-PLATINUM ALLOY
CU0000	COPPER
CK0190	COPPER ALLOY, SAE 71
CK0000	COPPER, ALLOY
CU0179	COPPER, ASTM B152, TYPE ETP

REPLY CODE	REPLY (AD09)
CU0477	COPPER, A5373, GULTON INDUSTRIES INC.
CK0698	COPPER-BERYLLIUM ALLOY, QQ-C-533, TEMPER A
CK0505	COPPER-BERYLLIUM, QQ-C-533
CK0626	COPPER-BERYLLIUM, QQ-C-533, ALLOY 170, TEMPER A
CK0934	COPPER-BERYLLIUM, QQ-C-533, ALLOY 170 TEMPER 1/2H
CK0628	COPPER-BERYLLIUM, QQ-C-533, ALLOY 172
CK0710	COPPER-BERYLLIUM, QQ-C-533, ALLOY 172, TEMPER 1/2H
CK0711	COPPER-BERYLLIUM, QQ-C-533, ALLOY 172, TEMPER 1/4H
CK0437	COPPER-BERYLLIUM, QQ-C-533, T-1/4H
CK0433	COPPER-BERYLLIUM, QQ-C-533, TEMPER H
CK0506	COPPER-BERYLLIUM, QQ-C-533, 1/2H
CU0478	COPPER, B5373, GULTON INDUSTRIES INC.
CUAAX0	COPPER-NICKEL-COBALT ALLOY
CUAAY0	COPPER-NICKEL-IRON ALLOY
CU0012	COPPER, QQ-B-502
CU0268	COPPER, QQ-B-825
CU0200	COPPER, QQ-B-825, TYPE 1, CLASS 1
CU0086	COPPER, QQ-C-502, CLASS A
CU0190	COPPER, QQ-C-502, H
CU0274	COPPER, QQ-C-502, SOFT
CU0014	COPPER, QQ-C-576
CU0362	COPPER, QQ-C-576, ANNEALED
CU0364	COPPER, QQ-C-576, COLD ROLLED, HARD
CU0363	COPPER, QQ-C-576, COLD ROLLED 1/2 H
CU0326	COPPER, QQ-C-576, TEMPER, HOT ROLLED, ANNEALED
CU0191	COPPER, QQ-C-576, 1/2 H
CU0067	COPPER, SAE 71
CUAK00	COPPER, SOFT
FRB000 #	FERRITE, STRONTIUM
FB0000	FIBER
FBAAQ0	FIBER, COMPOSITION
FG0000	FIBERGLASS
GS0000	GLASS
GSA000	GLASS, EPOXY
GSC000	GLASS, FILLED MELAMINE
GSAAZ0	GLASS, MELAMINE
GSAM00	GLASS, POLYESTER
HM0000 #	HEMP
FE0000	IRON
FEX000 #	IRON, ALLOY
FEAS00 #	IRON-ALUMINUM-NICKEL ALLOY
FEAT00 #	IRON-ALUMINUM-NICKEL-COBALT-COPPER ALLOY
FEA000	IRON, CAST
FEAU00 #	IRON-COBALT
FEM000	IRON, LAMINATED
	Iron, Nickel Alloy (use Reply Code NFAE00)
FE0302	IRON-NICKEL-ALUMINUM-COBALT ALLOY, ALNICO 5, PHILCO-FORD CORP

REPLY CODE	REPLY (AD09)
FEE000	IRON OXIDE
FED000	IRON, POWDERED
FEZ000	IRON, SOFT
FEAA00	IRON, SOLID
FEAV00 #	IRON-TITANIUM-COBALT-NICKEL-ALUMINUM ALLOY
FEAW00 #	IRON-VANADIUM-COBALT ALLOY
FE0304	IRON, 1607, ANNEALED, ARMCO STEEL CORP
PB0000	LEAD
PBJ000	LEAD ANTIMONY ALLOY
MG0000	MAGNESIUM
MGA000	MAGNESIUM ALLOY
MGF000	MAGNESIUM, CAST
FEK000	MAGNETIC IRON
MN0000	MANGANESE
MNJ000 #	MANGANESE-ALUMINUM ALLOY
MNK000 #	MANGANESE-BISMUTH ALLOY
ME0000	METAL
MEH000	METAL, FERROUS
MED000	METAL, NONFERROUS
NF0000	NICKEL
NFH000	NICKEL-CHROMIUM ALLOY
NC0000	NICKEL-COPPER ALLOY
NC0003	NICKEL-COPPER ALLOY, QQ-N-281, CLASS A
NFAE00	NICKEL-IRON
NF0091	NICKEL, QQ-N-281, CLASS A
NS0000	NICKEL SILVER
PF0000	PAPER
PZ0000	PHOSPHOR BRONZE
PZ0086	PHOSPHOR BRONZE, ASTM ALLOY A, SPRING
PZ0080	PHOSPHOR BRONZE, ASTM B103-50, ALLOY A
PZ0019	PHOSPHOR BRONZE, QQ-B-750, COMP A, SPRING
PZ0093	PHOSPHOR BRONZE, QQ-B-750, COMP A, TEMPER 1/2 HARD
PZ0115	PHOSPHOR BRONZE, QQ-B-750, SPRING TEMPER
PZA000	PHOSPHOR BRONZE, SPRING TEMPER
PCAAF0	PLADTIC, POLYESTER RESIN, GLASS FIBER BASE
PC0000	PLASTIC
PC2643	PLASTIC, AMS 3622
PCCE00	PLASTIC, ARC RESISTANT
PCCCCE	PLASTIC, CELLULOSE
PCAAAS	PLASTIC, DIALLYL PHTHALATE, GLASS FIBER FILLED
PC0762	PLASTIC, ETHYL CELLULOSE, MIL-P-3412, TYPE EM-1
PC0763	PLASTIC, ETHYL CELLULOSE, MIL-P-3412, TYPE 4,GRADE K
PCQ000	PLASTIC, ETHYL CELLULOSIC
PCM000	PLASTIC, MELAMINE
PCFFFF	PLASTIC, MELAMINE, COTTON BASE
PC2638	PLASTIC, MELAMINE SB 357, GRAYHILL INC
PC0168	PLASTIC, MIL-P-17091 - CANCELED

REPLY CODE	REPLY (AD09)
PC0153	PLASTIC, MIL-P-20693, TYPE 2
PCEEF0	PLASTIC, NYLON
PCAAL0	PLASTIC, PHENOL-FORMALDEHYDE
PCW000	PLASTIC, PHENOLIC
PC1133	PLASTIC, PHENOLIC, L-P-513, TYPE PBE-P
PCFFD0	PLASTIC, PHENOLIC LAMINATED
PC0038	PLASTIC, PHENOLIC, MIL-P-3115, TYPE PBE - CANCELED
PCAAC0	PLASTIC, PHENOLIC RESIN, PAPER BASE
PCAE00	PLASTIC, POLYAMIDE
PCFS00	PLASTIC, POLYCARBONATE RESIN
PCAB00	PLASTIC, POLYESTER
PCCR00	PLASTIC, POLYETHYLENE
PC2642	PLASTIC, POLYPROPYLENE OXIDE, TYPE 3, C-22-1098 LOCKHEED AIRCRAFT CORP
PCAG00	PLASTIC, POLYSTYRENE
PCCCCP	PLASTIC, POLYSTYRENE BASE CEMENT
PCAH00	PLASTIC, POLYTETRAFLUOROETHYLENE
PCAK00	PLASTIC, POLYVINYL CHLORIDE
PCCCA0	PLASTIC, THERMOPLASTIC
PCCCCG	PLASTIC, THERMOSETTING
PCAAAX	PLASTIC, VINYL
PC2640	PLASTIC, 1422, BRAND-REX DIV, AMERICAN ENKA CORP
PL0000	POLYAMIDE NYLON
BH0000	PORCELAIN
RC0000	RUBBER
RC0263	RUBBER, AMS 3195
RCH000	RUBBER, CHLOROPRENE
RCAAH0	RUBBER, COMPOUND
RC0069	RUBBER, MIL-R-5847 - CANCELED
RCB000	RUBBER, NATURAL
RCBBB0	RUBBER, NEOPRENE
RCC000	RUBBER, SYNTHETIC
SLN000	SILICON-IRON ALLOY
SL0000	SILICONE RUBBER
SL0040	SILICONE RUBBER, AMS 3195
AG0000	SILVER
AGS000	SILVER, COIN
SD0000	STEATITE
ST0000	STEEL
ST6335	STEEL, AISI 1010
STAABC #	STEEL, ALLOY
STD575	STEEL, ALNIC0 5, PERMAG CORP
ST2550	STEEL, AMS 5044
ST1052	STEEL, CARBON
STAACM #	STEEL-CHROMUM-COBALT ALLOY
STC000	STEEL, COLD ROLLED
STE000	STEEL, COPPER CLAD

REPLY CODE	REPLY (AD09)
STB000	STEEL, CORROSION RESISTING
STAAM0	STEEL, HIGH SILICON
STAAN0	STEEL, LAMINATED
ST7556	STEEL, MIL-S-5059, COMP 301
ST3952	STEEL, MIL-S-16598
ST2638	STEEL, QQ-S-636, COND 2 - CANCELED
ST1778	STEEL, QQ-S-763, CLASS 303, COND A
ST1859	STEEL, QQ-S-764, TYPE 303 COND A
ST1763	STEEL, QQ-S-766, CLASS 410
ST6559	STEEL, SAE 1010
	Steel, Soft (use Reply Code ST0000)
STD000	STEEL, STAINLESS
SN0094	TIN, SPP1001, R C ALLEN INC
TN0000	TUNGSTEN
WEX000	WIRE MESH
WD0000	WOOD
ZNL000	ZINC ALLOY

Table 3 - SURFACE TREATMENTS

SURFACE TREATMENTS

REPLY CODE	REPLY (AD09)
	Alloy Plated (use Reply Code FNAT00)
	Alodine (use Reply Code PHD000)
	Alodize (use Reply Code PHD000)
	Alumilite (use Reply Code ANC000)
LQF000	ALUMINUM LACQUER
ANL000	ANODIC
AN0000	ANODIZED
ANC000	ANODIZED ALUMINUM
ANA000	ANODIZED, BLACK
AN0248	ANODIZED, F65BWB1C, GENERAL ELECTRIC CO.
ANZ000	ANODIZED GREEN
AN0002	ANODIZED, MIL-A-8625
AN0143	ANODIZED, MIL-A-8625, BLACK
AN0064	ANODIZED, MIL-A-8625, CLASS 2
AN0003	ANODIZED, MIL-A-8625, TYPE I
AN0004	ANODIZED, MIL-A-8625, TYPE 2
AN0008	ANODIZED, MIL-A-8625, TYPE 2, CLASS 2
AN0010	ANODIZED, MIL-A-8625, TYPE 3, CLASS 2
ANAC00	ANODIZED VIOLET
CNM000	BICHROMATE SEAL
AN0249	BLACK ANODIZE, 102-109-0013, CLASS 3, MCGRAW-EDISON CO. EDISON INSTRUMENT DIV
BBE000	BLACK CHEMICAL

REPLY CODE	REPLY (AD09)
CNK000	BLACK CHROMATE
	Black Copper Plated (use Reply Code CUN000)
AAB000	BLACK ETHEL
LQD000	BLACK LACQUER
ZZW000	BLACK MATTE
BBD000	BLACK NICKEL PLATED
BA0000	BLACK OXIDE
PSF000	BLACK PASSIVATE
RCAAAG	BLACK RUBBER
ZZY000	BLACK TEXTILE BONDED
VAG000	BLACK VARNISH
	Black Zinc (use Reply Code ZNP000)
BL0000	BLUED
BRAE00	BRASS, SPRAYED
BPA000	BRIGHT ALLOY
BP0000	BRIGHT ALLOY PLATED
	Bright Dip (Use Reply Code BPA000)
CD0000	CADMIUM
CD0051	CADMIUM, AMS 2400-3
	Cadmium and Chromium (use Reply Codes CD0000 and CR0000)
CDR000	CADMIUM, PLATED
CDAL00	CADMIUM PLATED W/CHROMATE
	Cadmium Plated W/Iridite Treatment (use Reply Codes CD0000 and CN0000)
CD0137	CADMIUM, QQ-P-416, TYPE 1
CD0192	CADMIUM, QQ-P-416, TYPE 1, CLASS B
CD0004	CADMIUM, QQ-P-416, TYPE 1, CLASS 1
CD0005	CADMIUM, QQ-P-416, TYPE 1, CLASS 2
CD0087	CADMIUM, QQ-P-416, TYPE 2, CLASS B
CD0014	CADMIUM, QQ-P-416, TYPE 2, CLASS C
CD0007	CADMIUM, QQ-P-416, TYPE 2, CLASS 1
CD0008	CADMIUM, QQ-P-416, TYPE 2, CLASS 2
CD0009	CADMIUM, QQ-P-416, TYPE 2, CLASS 3
	Cadmium W/Iridite (use Reply Codes CD0000 and CN0000)
KCA000	CAUSTIC DIPPED
CLA000	CHEMICAL FILM
CL0001	CHEMICAL FILM, MIL-C-5541
CLC000	CHEMICAL POLISH
	Chemically Blackened (use Reply Code BBE000)
CN0000	CHROMATE
	Chromate Coat (use Reply Code CNA000)
CNA000	CHROMATE DIPPED
CNL000	CHROMATE, OLIVE DRAB
CNF000	CHROMATE TREATED, OLOVE DRAB
CHC000	CHROME PLATED
CR0000	CHROMIUM
CRA000	CHROMIUM PLATED
CU0000	COPPER

REPLY CODE	REPLY (AD09)
CK0859	COPPER-BERYLLIUM, ASTM B194, COND HARD
CUT000	COPPER CLAD
CU0479	COPPER, MIL-C-14550
	Copper Plate W/Tinned Finish (use Reply Code CUAQ00)
CUN000	COPPER PLATED
CUAQ00	COPPER, TIN COVERED
DC0000	DICHROMATE
BBJ000	DULL BLACK
AGAW00	DULL SILVER
	Electro Tin Plated (use Reply Code SNN000)
LL0025	ELECTROFILM DRY LUBRICANT, NO 4376
	Electroless Nickel Plated (use Reply Code NFW000)
EN0000	ENAMEL
ENE000	ENAMEL, BAKED
ENF000	ENAMEL, BLACK
ENAAC0	ENAMEL, BLACK, RUBBER
ENAY00	ENAMEL, DULL BLACK
ENAZ00	ENAMEL, DULL GRAY
ENAAB0	ENAMEL, DULL GRAY, METALLIC
	Enamel, Flat Black (use Reply Code ENAY00)
ENAAA0	ENAMEL, GLOSS
ENH000	ENAMEL, GRAY
ENJ000	ENAMEL, GREEN
ENW000	ENAMEL, OLIVE DRAB
ENM000	ENAMEL, SEMIGLOSS
END000	ENAMEL, WRINKLE FINISH
ECB000	ETCH, ALKALI
EC0000	ETCH, CAUSTIC
ECA000	ETCHED
FAAL00	FABRIC, COLLOID TREATED
FNAT00	FINISH, PLATED
GB0000	GALVANIZED
GL0000	GLAZED
AU0001	GOLD, MIL-G-45204, TYPE 1, CLASS 1
AU0008	GOLD, MIL-G-45204, TYPE 2, CLASS 2
AU0071	GOLD PLATE, AA0109-013, TYPE 2, ROCKWELL INTERNATIONAL CORP
AUG000	GOLD PLATED
AU0030	GOLD PLATED, MIL-G-45204, TYPE 1
AU0045	GOLD PLATED, MIL-G-45204, TYPE 1, CLASS 1
AU0027	GOLD PLATED, MIL-G-45204, TYPE 2, CLASS 2
LQ0000	LACQUER
LQH000	LACQUER, CLEAR
LQC000	LACQUERED
PB0000	LEAD
PBC000	LEAD PLATED
	Lusterless Paint (use Reply Code PNL000)
FNAAL0	MATTE

REPLY CODE	REPLY (AD09)
NR0000	NATURAL
BBQ000	NATURAL BLACK
NF0000	NICKEL
NFW000	NICKEL, ELECTROLESS
NFAK00	NICKEL, FLASH
NF0348	NICKEL, MIL-C-26074, CLASS 1, GRADE B
NF0089	NICKEL, MIL-W-19487, GRADE B, COND 1
NFG000	NICKEL PLATED
NFAT00	NICKEL PLATED, WHITE
NF0024	NICKEL, QQ-N-290
NF0378	NICKEL, QQ-N-290, CLASS 1, GRADE D
NF0008	NICKEL, QQ-N-290, CLASS 1, TYPE 5
NF0009	NICKEL, QQ-N-290, CLASS 1, TYPE 6
NF0014	NICKEL, QQ-N-290, CLASS 2
NFAY00	NICKEL SULFATE PLATED
	Olive Drab Iridite (use Reply Code CNL000)
XX0000	OXIDE
XXG000	OXIDE FILM
XX0002	OXIDE FILM, MIL-C-5541
XX0074	OXIDE FILM, MIL-C-5541, GRADE C, CLASS 2
XX0004	OXIDE FILM, MIL-C-5541, TYPE 1
XX0073	OXIDE, MIL-F-495
PNA000	PAINT, ALUMINUM
PND000	PAINT, BLACK
PN0015	PAINT, FED-STD-595, NO. 37038
PNL000	PAINT, NONREFLECTING
PNH000	PAINT, OLIVE DRAB
PN0000	PAINTED
PDA000	PALLADIUM PLATED
PS0000	PASSIVATED
PS0008	PASSIVATED, MIL-F-14072, FINISH E300
PS0424	PASSIVATED, MIL-F-14072, FINISH E512
PS0007	PASSIVATED, QQ-P-35
PHD000	PHOSPHATE DIP
PC0000	PLASTIC
PCAAAT	PLASTIC, EPOXY RESIN
PCW000	PLASTIC, PHENOLIC
PCAE00	PLASTIC, POLYAMIDE
PCAAAX	PLASTIC, VINYL
PK0000	POTASH DIP
DAS000	RESIN, GLYCEROL, PHTHALIC ANHYDRIDE
	Rhodium Coat (use Reply Code RHA000)
RHC000	RHODIUM FLASHED
RHA000	RHODIUM PLATED
RH0004	RHODIUM PLATING, MIL-R-46085
RC0000	RUBBER
AG0000	SILVER

REPLY CODE	REPLY (AD09)
AGAY00	SILVER LUME
AGE000	SILVER PLATED
AG0012	SILVER PLATED, QQ-S-365,
AG0021	SILVER, QQ-S-365, GRADE A
AG0014	SILVER, QQ-S-365, TYPE 1
AG0005	SILVER, QQ-S-365, TYPE 1, GRADE A
AG0003	SILVER, QQ-S-365, TYPE 2
AG0007	SILVER, QQ-S-365, TYPE 2, GRADE A
AG0008	SILVER, QQ-S-365, TYPE 2, GRADE B
AG0009	SILVER, QQ-S-365, TYPE 3, GRADE A
AG0010	SILVER, QQ-S-365, TYPE 3, GRADE B
	Solder Coated (use Reply Code SJA000)
SJA000	SOLDER DIP
SJC000	SOLDER DIP, HOT
SJ0001	SOLDER DIP, MIL-F-14072, FINISH M258
SJB000	SOLDER PLATED
SJ0004	SOLDER PLATED, MIL-F-14072, FINISH M222, TYPE 1
SN0000	TIN
SNW000	TIN COATED
SNX000	TIN DIP
	Tin-Dip, Dull Black (use Reply Code BBJ000)
SNAH00	TIN, ELECTROFUSED
SNN000	TIN, ELECTROPLATED
	Tin Lead Coated (Use Reply Code SNY000)
SN0096	TIN-LEAD, MIL-P-81728
SNY000	TIN-LEAD PLATED
SNF000	TIN PLATED
SN0010	TIN PLATED, MIL-T-10727
SN0002	TIN PLATED, MIL-T-10727, TYPE 1
SN0095	TIN PLATED, MIL-T-10727, TYPE 1, GRADE B
SN0003	TIN PLATED, MIL-T-10727, TYPE 2
TDA000	TINNED
TD0000	TINNED DIPPED, HOT
	Tinned Hot (use Reply Code TD0000)
VAB000	VARNISH
	White Nickel Plated (use Reply Code NFAT00)
CNJ000	YELLOW CHROMATE
	Yellow Iridite (use Reply Code CNJ000)
ZN0000	ZINC
ZNA000	ZINC CHROMATE
ZNAAA0	ZINC CHROMATE, ANODIZED
ZNAX00	ZINC CHROMATE, BLACK
ZNAE00	ZINC CHROMATE, PRIMER
ZNS000	ZINC COATED
ZNB000	ZINC COATED W/PAINT
ZNN000	ZINC PLATED
ZNAN00	ZINC PLATED W/CHROMATE

REPLY CODE	REPLY (AD09)
ZNP000	ZINC W/BLACK FINISH

Table 4 - MOUNTING METHODS
MOUNTING METHODS

REPLY CODE	REPLY (AM39)
ALZ	BALL AND DETENT
ABB	BASE
ADG	BAYONET
AFE	BAYONET LOCK
AAC	BOLT
ABC	BRACKET
ADP	BUTTON
AMA	CAPTIVE SCREWS
ABG	CEMENT
ABH	CLAMP
ACX	CLAMP RING
AFL	CLIP
AMB	CLIP-ON
AMC	COLLAR TYPE CLAMP
AEM	COMPRESSION
AFQ	CONNECTOR
AMD	CONNECTOR PIN
AME	CORD GRIP
AMF	COUPLING RING
AMG	CRIMP
AMH	DOVETAIL
AMJ	ELASTIC
AMK	EXTERNAL LOCKING RING
	Eyelet (use Reply Code ACP or ABY)
ACR	FLANGE
ADJ	FORCE FIT
ABL	FRICTION
AML	FRICTION-SPRING
AMM	GROOVE
AGC	HINGE
ACP	HOLE
AZJ	INSERT
AAB	INTEGRAL
AMN	LEAD BURNED
AMP	MALE PLUG INSERT
AMQ	MINITURE BAYONET BASE
AMR	NUT CONNECTED
AMS	PENDANT
AAD	PIN
AEE	PLATE

REPLY CODE	REPLY (AM39)
ADC	PRESS FIT
AMT	PRESSURE
AMW	PUSH SNAP-ON
ABS	RETAINER RING
AMX	RETAINING CLAMP
AMY	RETAINING CLIP
AHT	RING
AAG	RIVET
AMZ	RUBBER LIP
ABW	SCREW
ANA	SCREW-STUD
AAF	SETSCREW
ANB	SLIPS-ON
ABY	SLOT
ANC	SNAP-ON
AHL	SNAP RING
AND	SOCKET SWEATED
AHA	SOLDER
ANE	SOLDER CLIP
ANF	SPRING CLIP
AHB	SPRING CONTACT
AJK	SPRING TENSION
ANG	STRIKE FASTENER
AAE	STUD
ACC	TAB
ACD	TERMINAL
ACS	THREAD
AHF	THREADED HOLE
ANH	TUB CLIP
BGP	TURNLOCK FASTENER
AHD	TWIST LOCK
BPM	TWIST TAB
AKK	WELDED
ANJ	WIRE BALE

Table 5 - MOUNTING TYPES

MOUNTING TYPES

REPLY CODE	REPLY (AA78)
TM	BUILDING ROOF
HH	DECK FLANGE
TL	DRIVE BASE
HJ	GROUND
BL	MAST
HK	PLATFORM
HL	PLUG-IN
HM	QUADRUPED

REPLY CODE	REPLY (AA78)
HN	ROOF
HP	SHELTER
HQ	STACK
HR	SUPPORT BASE
BP	TOWER
AV	TRAILER
TP	TRAILER FLOOR
TN	TRAILER ROOF
BQ	TRIPOD
HS	VAN
CQ	WALL

Table 6 - NONDEFINITIVE SPEC/STD DATA
NONDEFINITIVE SPEC/STD DATA

REPLY CODE	REPLY (AD08)
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE

REPLY CODE	REPLY (AD08)
GP	GROUP
BA	IMAGE COLOR
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
AA	MARKER
ML	MATERIAL
BB	MAXIMUM DENSITY
ME	METHOD
BC	MINIMUM DENSITY
MD	MODEL
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE

REPLY CODE	REPLY (AD08)
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Table 7 - UNIT TYPES
UNIT TYPES

REPLY CODE	REPLY (AK95)
ALG	BLANK
ALH	*COMBINATION (accommodates interchangeable wiring devices)*
CGE	FUSEHOLDER
ALJ	JEWEL
ALK	LOUVERED
ALL	OUTLET
CMS	PULL SWITCH
ALM	PUSH BUTTON
CMT	ROTARY SWITCH
ALN	SWITCH
ALP	TELEPHONE PLUG
ALQ	TOGGLE SWITCH

Table 8 - COLORS
COLORS

REPLY CODE	REPLY (AD06)
BL0000	BLACK
BR0000	BROWN
GY0000	GRAY
GY0002	GRAY, LIGHT
GR0000	GREEN
VY0000	IVORY
NA0000	NATURAL
LD0000	OLIVE DRAB
LD0017	OLIVE DRAB, FED STD 595, 24087
RE0000	RED
TA0000	TAN
WH0000	WHITE
YE0000	YELLOW

Reference Drawing Groups

REFERENCE DRAWING GROUP A Tables
OPENINGS IN COVERS AND ELECTRICAL WALL PLATES

INDEX OF MASTER REQUIREMENT CODES

All dimensions taken with the longest axis of the wiring device considered to be vertical.

Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., HGTHJAA0.671*; HGTHJLA25.4*; HGTHJAB0.500$$JAC0.750*)

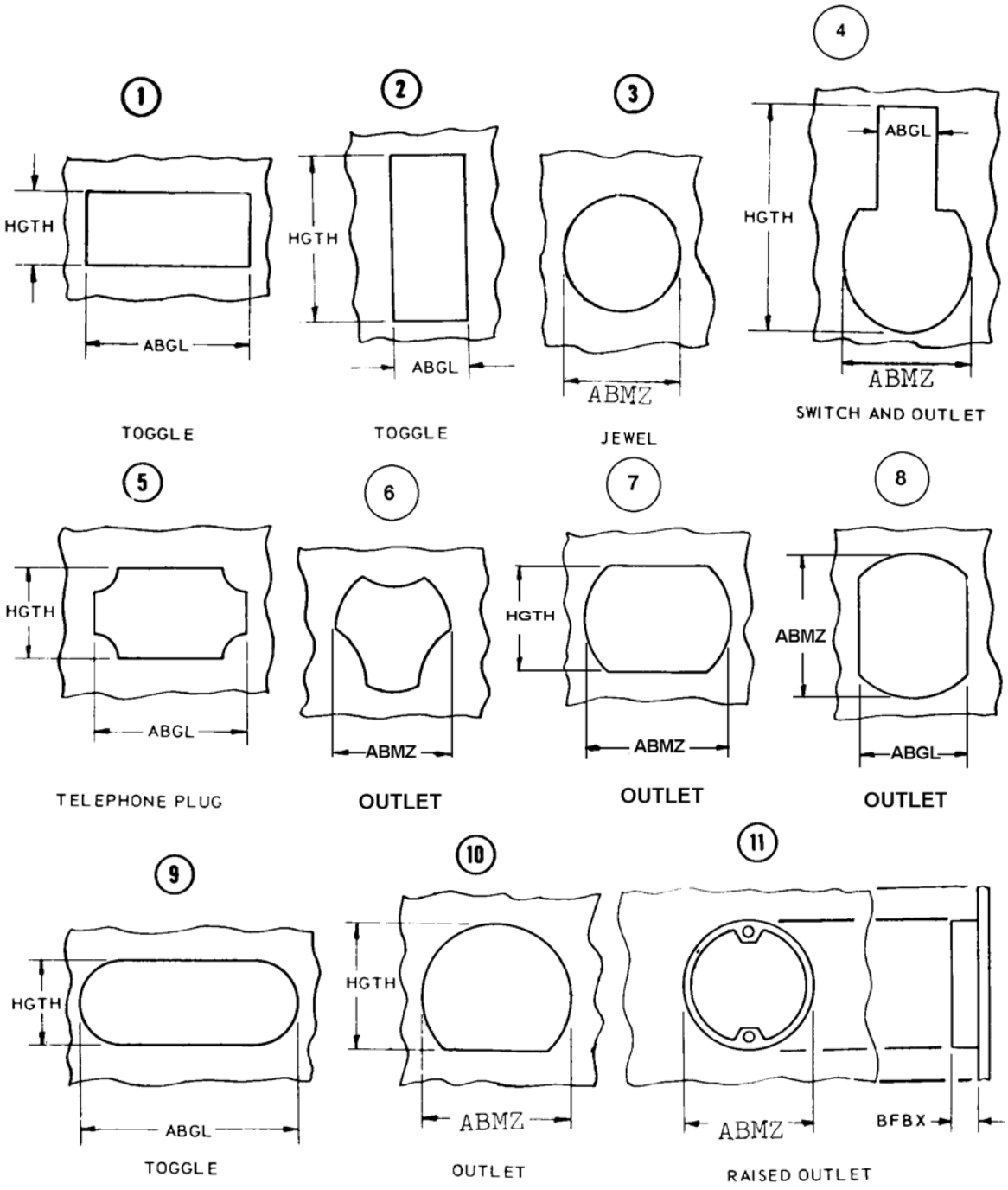
REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

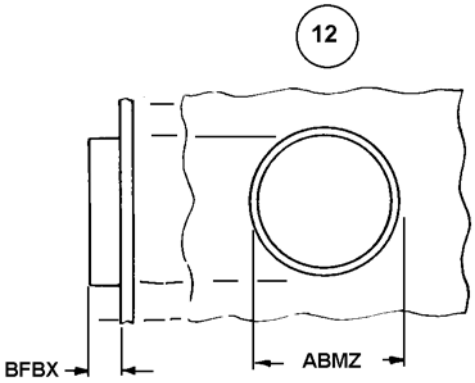
REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

MRC	Mode Code	Name of Dimension
ABGL	J	WIDTH
ABMZ	J	DIAMETER
BFBW	J	HORIZONTAL DISTANCE BETWEEN GANG CENTERS
BFBX	J	RAISE HEIGHT
HGTH	J	HEIGHT

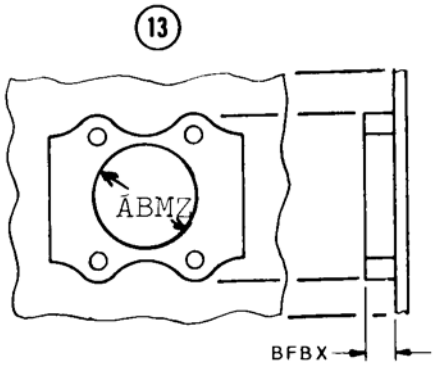
REFERENCE DRAWING GROUP A

OPENINGS IN COVERS AND ELECTRICAL WALL PLATES

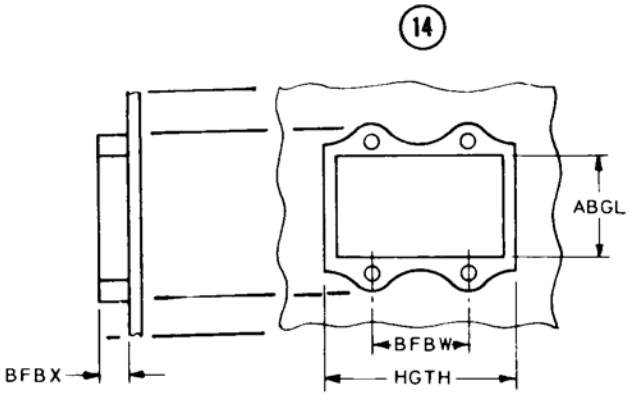




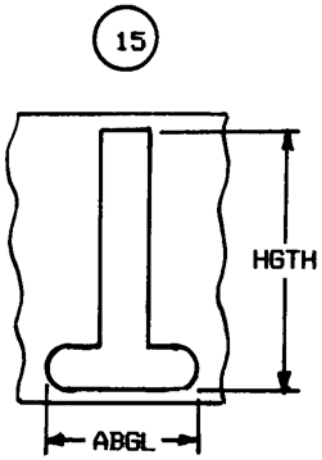
PUSH BUTTON



RAISED OUTLET



RAISED OUTLET



TELEPHONE PLUG

Technical Data Tables

STANDARD FRACTION TO DECIMAL CONVERSION CHART

4ths	8ths	16ths	32nds	64ths	To 3	To 4	4ths	8ths	16ths	32nds	64ths	To 3	To 4
				1/64	.016	.0156					33/64	.516	.5156
			1/32	-----	.031	.0312				17/32	------	.531	.5312
				3/64	.047	.0469					35/64	.547	.5469
		1/16	-----		.062	.0625			9/16	-----	-----	.562	.5625
				5/64	.078	.0781					37/64	.578	.5781
			3/32	-----	.094	.0938				19/32	------	.594	.5938
				7/64	.109	.1094					39/64	.609	.6094
	1/8	-----	-----	-----	.125	.1250		5/8	-----	-----	-----	.625	.6250
				9/64	.141	.1406					41/64	.641	.6406
			5/32	-----	.156	.1562				21/32	------	.656	.6562
				11/64	.172	.1719					43/64	.672	.6719
		3/16	-----	-----	.188	.1875			11/16	-----	-----	.688	.6875
				13/64	.203	.2031					45/64	.703	.7031
			7/32	------	.219	.2188				23/32	------	.719	.7188
				15/64	.234	.2344					47/64	.734	.7344
1/4	-----	-----	-----	-----	.250	.2500	3/4	-----	-----	-----	-----	.750	.7500
				17/64	.266	.2656					49/64	.766	.7656
			9/32	------	.281	.2812				25/32	------	.781	.7812
				19/64	.297	.2969					51/64	.797	.7969
		5/16	-----	-----	.312	.3125			13/16	-----	-----	.812	.8125
				21/64	.328	.3281					53/64	.828	.8281
			11/32	------	.344	.3438				27/32	------	.844	.8438
				23/64	.359	.3594					55/64	.859	.8594
	3/8	-----	-----	-----	.375	.3750		7/8	-----	-----	-----	.875	.8750
				25/64	.391	.3906					57/64	.891	.8906
			13/32	------	.406	.4062				29/32	------	.906	.9062
				27/64	.422	.4219					59/64	.922	.9219
		7/16	-----	-----	.438	.4375			15/16	-----	-----	.938	.9375
				29/64	.453	.4531					61/64	.953	.9531
			15/32	------	.469	.4688				31/32	------	.969	.9688
				31/64	.484	.4844					63/64	.984	.9844
					.500	.5000						1.000	1.0000

INCH TO DECIMAL OF A FOOT CONVERSION CHART

NOTE: For inches, select inches 0 through 11 from left to right top of chart, read decimal equivalent in column directly below.

Fraction of inch	INCHES											
	0	1	2	3	4	5	6	7	8	9	10	11
0	0.000	0.083	0.167	0.250	0.333	0.417	0.500	0.583	0.667	0.750	0.833	0.917
1/16	.005	.089	.172	.255	.339	.422	.505	.589	.672	.755	.839	.922
1/8	.010	.094	.177	.260	.344	.427	.510	.594	.677	.760	.844	.927
3/16	.016	.099	.182	.266	.349	.432	.516	.599	.682	.766	.849	.932
1/4	.021	.104	.188	.271	.354	.438	.521	.604	.688	.771	.854	.938
5/16	.026	.109	.193	.276	.359	.443	.526	.609	.693	.776	.859	.943
3/8	.031	.115	.198	.281	.365	.448	.531	.615	.698	.781	.865	.948
7/16	.037	.120	.203	.287	.370	.453	.537	.620	.703	.787	.870	.953
1/2	.042	.125	.208	.292	.375	.458	.542	.625	.708	.792	.875	.958
9/16	.047	.130	.214	.297	.380	.464	.547	.630	.714	.797	.880	.964
5/8	.052	.135	.219	.302	.385	.469	.552	.635	.719	.802	.885	.969
11/16	.057	.141	.224	.307	.391	.474	.557	.641	.724	.807	.891	.974
3/4	.063	.146	.229	.313	.396	.479	.563	.646	.729	.813	.896	.979
13/16	.068	.151	.234	.318	.401	.484	.568	.651	.734	.818	.901	.984
7/8	.073	.156	.240	.323	.406	.490	.573	.656	.740	.823	.906	.990
15/16	.078	.162	.245	.328	.412	.495	.578	.662	.745	.828	.912	.995

FIIG Change List

FIIG Change List, Effective October 2, 2009

Added MRC CBBL and Reply code FNY to section J.

Removed Reply code A - Any Acceptable - from FIIG.